$J_3.2$

$3^2.3^{1+2}:8.2$	25840	$1a^+ + 324a^+ + 1140a^+ + 1215a^{\pm}b^{\pm} + 1615a^+ + 1920a^+b^+c^+ + 1938ab + 2432a^+ + 2754a^+ + 3078a^+$	15

Character Numbers:[1, 5, 10, 12, 13, 14, 15, 16, 18, 20, 22, 24, 25, 27, 29]

	S_1	S_2	S_3	S_4	S_5
χ_1	1	81	243	243	972
χ_2	1	21	-17	63	-78
χ_3	1	21	3	-5	46
χ_4	1	$8-r17$	$22+3r17$	$13+2r17$	$-12+8r17$
χ_5	1	$4+3r17$	$3-2r17$	$-22-3r17$	$12-8r17$
χ_6	1	$8+r17$	$22-3r17$	$13-2r17$	$-12-8r17$
χ_7	1	$4-3r17$	$3+2r17$	$-22+3r17$	$12+8r17$
χ_8	1	9	-3	13	4
χ_9	1	$-34+3y9-27y9*2$	$-44-8y9-10y9*2$	$40+6y9-12y9*2$	$-6+18y9+54y9*2$
χ_{10}	1	$-34+27y9+30y9*2$	$-44+10y9+2y9*2$	$40+12y9+18y9*2$	$-6-54y9-36y9*2$
χ_{11}	1	$-34-30y9-3y9*2$	$-44-2y9+8y9*2$	$40-18y9-6y9*2$	$-6+36y9+18y9*2$
χ_{12}	1	3	-15	-5	-8
χ_{13}	1	-9	-12	13	22
χ_{14}	1	-7	-15	-15	12
χ_{15}	1	-9	13	3	-48

	S_6	S_7	S_8	S_9	S_{10}
χ_1	972	1944	1944	1944	1944
χ_2	22	164	-16	44	24
χ_3	42	-44	-64	-28	40
χ_4	$8-4r17$	$-60+12r17$	$-20-12r17$	$16-8r17$	24
χ_5	$8+4r17$	$20b17$	$72-8r17$	$-28-12r17$	$-28-12r17$
χ_6	$8+4r17$	$-60-12r17$	$-8+24b17$	$16+8r17$	24
χ_7	$8-4r17$	$-10-10r17$	$72+8r17$	$-28+12r17$	$-28+12r17$
χ_8	-12	28	32	80	-80
χ_9	$-12-30y9-3y9*2$	$19+34y9+20y9*2$	$14+10y9+8y9*2$	$38-36y9-24y9*2$	$27y9+12y9*2$
χ_{10}	$-12+3y9-27y9*2$	$19-20y9+14y9*2$	$14-8y9+2y9*2$	$38+24y9-12y9*2$	$-12y9+15y9*2$
χ_{11}	$-12+27y9+30y9*2$	$19-14y9-34y9*2$	$14-2y9-10y9*2$	$38+12y9+36y9*2$	$-15y9-27y9*2$
χ_{12}	-48	-8	8	8	40
χ_{13}	42	-26	14	-1	-44
χ_{14}	12	12	-72	48	0
χ_{15}	-8	-16	-16	-16	-24

	S_{11}	S_{12}	S_{13}	S_{14}	S_{15}
χ_1	1944	1944	3888	3888	3888
χ_2	-16	164	-232	-152	8
χ_3	96	12	-24	8	-104
χ_4	$-64+8r17$	$-16-8r17$	$24+8r17$	$-8-24r17$	$64+16r17$
χ_5	$-6-2r17$	$46-6r17$	$10+6r17$	$-94+14r17$	$32+16r17$
χ_6	$-64-8r17$	$-16+8r17$	$24-8r17$	$-8+24r17$	$64-16r17$
χ_7	$-6+2r17$	$46+6r17$	$10-6r17$	$-94-14r17$	$32-16r17$
χ_8	12	-60	84	-28	-80
χ_9	$1-3y9+9y9*2$	$-30+7y9-4y9*2$	$10-22y9-8y9*2$	$6-4y9-14y9*2$	$-3-2y9-y9*2$
χ_{10}	$1-9y9-12y9*2$	$-30+4y9+11y9*2$	$10+8y9-14y9*2$	$6+14y9+10y9*2$	$-3+y9-y9*2$
χ_{11}	$1+12y9+3y9*2$	$-30-11y9-7y9*2$	$10+14y9+22y9*2$	$6-10y9+4y9*2$	$-3+y9+2y9*2$
χ_{12}	24	-24	-24	8	40
χ_{13}	21	-33	-78	26	64
χ_{14}	-36	36	36	-12	0
χ_{15}	56	32	32	16	-16

Ramanujan Graphs: [2, 3], [2, 3, 4, 5], [2, 3, 4, 5, 6, 7, 8], [2, 3, 4, 5, 6, 7, 8, 9, 10, 11], [2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13], [2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14], [2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15], [2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14], [2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13], [2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14], [2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 15], [2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 14], [2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 15], [2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13], [2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14], [2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 15], [2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14], [2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 10, 13], [2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 14], [2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 15], [2, 3, 4, 5, 6, 7, 8, 9, 10, 14], [2, 3, 4, 5, 6, 7, 8, 9, 10, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 10, 15], [2, 3, 4, 5, 6, 7, 8, 9, 11], [2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13], [2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14], [2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 15], [2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 14], [2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 11, 13, 14], [2, 3, 4, 5, 6, 7, 8, 9, 11, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 11, 13, 15], [2, 3, 4, 5, 6, 7, 8, 9, 11, 14], [2, 3, 4, 5, 6, 7, 8, 9, 11, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 11, 15], [2, 3, 4, 5, 6, 7, 8, 9, 12, 13], [2, 3, 4, 5, 6, 7, 8, 9, 12, 13, 14], [2, 3, 4, 5, 6, 7, 8, 9, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 12, 13, 15], [2, 3, 4, 5, 6, 7, 8, 9, 12, 14], [2, 3, 4, 5, 6, 7, 8, 9, 12, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 13, 14], [2, 3, 4, 5, 6, 7, 8, 9, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 13, 15], [2, 3, 4, 5, 6, 7, 8, 9, 14], [2, 3, 4, 5, 6, 7, 8, 9, 14, 15], [2, 3, 4, 5, 6, 7, 8, 9, 15], [2, 3, 4, 5, 6, 7, 8, 10, 11], [2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13], [2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14], [2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 15], [2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 14], [2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 14, 15], [2, 3, 4, 5, 6, 7, 8, 10, 11, 13], [2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14], [2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 15], [2, 3, 4, 5, 6, 7, 8, 10, 11, 14], [2, 3, 4, 5, 6, 7, 8, 10, 11, 14, 15], [2, 3, 4, 5, 6, 7, 8, 10, 11, 15], [2, 3, 4, 5, 6, 7, 8, 10, 12, 13], [2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 14], [2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 15], [2, 3, 4, 5, 6, 7, 8, 10, 12, 14], [2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 15], [2, 3, 4, 5, 6, 7, 8, 10, 13], [2, 3, 4, 5, 6, 7, 8, 10, 13, 14] , [2, 3, 4, 5, 6, 7, 8, 10, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 10, 13, 15], [2, 3, 4, 5, 6, 7, 8, 10, 14], [2, 3, 4, 5, 6, 7, 8, 10, 14, 15] , [2, 3, 4, 5, 6, 7, 8, 10, 15], [2, 3, 4, 5, 6, 7, 8, 11], [2, 3, 4, 5, 6, 7, 8, 11, 12, 13], [2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14

], [2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 15], [2, 3, 4, 5, 6, 7, 8, 11, 12, 14], [2, 3, 4, 5, 6, 7, 8, 11, 12, 14, 15], [2, 3, 4, 5, 6, 7, 8, 11, 13], [2, 3, 4, 5, 6, 7, 8, 11, 13, 14] , [2, 3, 4, 5, 6, 7, 8, 11, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 11, 13, 15], [2, 3, 4, 5, 6, 7, 8, 11, 14], [2, 3, 4, 5, 6, 7, 8, 11, 14, 15] , [2, 3, 4, 5, 6, 7, 8, 11, 15], [2, 3, 4, 5, 6, 7, 8, 12, 13], [2, 3, 4, 5, 6, 7, 8, 12, 13, 14] , [2, 3, 4, 5, 6, 7, 8, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 12, 13, 15], [2, 3, 4, 5, 6, 7, 8, 12, 14], [2, 3, 4, 5, 6, 7, 8, 12, 14, 15] , [2, 3, 4, 5, 6, 7, 8, 13], [2, 3, 4, 5, 6, 7, 8, 13, 14], [2, 3, 4, 5, 6, 7, 8, 13, 14, 15], [2, 3, 4, 5, 6, 7, 8, 13, 15], [2, 3, 4, 5, 6, 7, 8, 14], [2, 3, 4, 5, 6, 7, 8, 14, 15], [2, 3, 4, 5, 6, 7, 8, 15], [2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13], [2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14], [2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 15], [2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 14], [2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 14, 15], [2, 3, 4, 5, 6, 7, 9, 10, 11, 13], [2, 3, 4, 5, 6, 7, 9, 10, 11, 13, 14], [2, 3, 4, 5, 6, 7, 9, 10, 11, 13, 14, 15], [2, 3, 4, 5, 6, 7, 9, 10, 11, 13, 15], [2, 3, 4, 5, 6, 7, 9, 10, 11, 14], [2, 3, 4, 5, 6, 7, 9, 10, 11, 14, 15], [2, 3, 4, 5, 6, 7, 9, 10, 11, 15], [2, 3, 4, 5, 6, 7, 9, 10, 12, 13], [2, 3, 4, 5, 6, 7, 9, 10, 12, 13, 14], [2, 3, 4, 5, 6, 7, 9, 10, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 9, 10, 12, 13, 15], [2, 3, 4, 5, 6, 7, 9, 10, 12, 14, 15], [2, 3, 4, 5, 6, 7, 9, 10, 13], [2, 3, 4, 5, 6, 7, 9, 10, 13, 14] , [2, 3, 4, 5, 6, 7, 9, 10, 13, 14, 15], [2, 3, 4, 5, 6, 7, 9, 10, 13, 15], [2, 3, 4, 5, 6, 7, 9, 10, 14], [2, 3, 4, 5, 6, 7, 9, 10, 14, 15] , [2, 3, 4, 5, 6, 7, 9, 11, 12, 13], [2, 3, 4, 5, 6, 7, 9, 11, 12, 13, 14], [2, 3, 4, 5, 6, 7, 9, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 9, 11, 12, 13, 15], [2, 3, 4, 5, 6, 7, 9, 11, 12, 14], [2, 3, 4, 5, 6, 7, 9, 11, 12, 14, 15], [2, 3, 4, 5, 6, 7, 9, 11, 13], [2, 3, 4, 5, 6, 7, 9, 11, 13, 14] , [2, 3, 4, 5, 6, 7, 9, 11, 13, 14, 15], [2, 3, 4, 5, 6, 7, 9, 11, 13, 15], [2, 3, 4, 5, 6, 7, 9, 11, 14], [2, 3, 4, 5, 6, 7, 9, 11, 14, 15] , [2, 3, 4, 5, 6, 7, 9, 11, 15], [2, 3, 4, 5, 6, 7, 9, 12, 13], [2, 3, 4, 5, 6, 7, 9, 12, 13, 14] , [2, 3, 4, 5, 6, 7, 9, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 9, 12, 13, 15], [2, 3, 4, 5, 6, 7, 9, 12, 14, 15], [2, 3, 4, 5, 6, 7, 9, 13, 14], [2, 3, 4, 5, 6, 7, 9, 13, 14, 15] , [2, 3, 4, 5, 6, 7, 9, 13, 15], [2, 3, 4, 5, 6, 7, 9, 14], [2, 3, 4, 5, 6, 7, 9, 14, 15], [2, 3, 4, 5, 6, 7, 10, 11, 12, 13], [2, 3, 4, 5, 6, 7, 10, 11, 12, 13, 14], [2, 3, 4, 5, 6, 7, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 10, 11, 12, 13, 15], [2, 3, 4, 5, 6, 7, 10, 11, 12, 14], [2, 3, 4, 5, 6, 7, 10, 11, 12, 14, 15], [2, 3, 4, 5, 6, 7, 10, 11, 13], [2, 3, 4, 5, 6, 7, 10, 11, 13, 14], [2, 3, 4, 5, 6, 7, 10, 11, 13, 14, 15], [2, 3, 4, 5, 6, 7, 10, 11, 13, 15], [2, 3, 4, 5, 6, 7, 10, 11, 14], [2, 3, 4, 5, 6, 7, 10, 11, 14, 15], [2, 3, 4, 5, 6, 7, 10, 11, 15], [2, 3, 4, 5, 6, 7, 10, 12, 13], [2, 3, 4, 5, 6, 7, 10, 12, 13, 14], [2, 3, 4, 5, 6, 7, 10, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 10, 12, 13, 15], [2, 3, 4, 5, 6, 7, 10, 12, 14], [2, 3, 4, 5, 6, 7, 10, 12, 14, 15], [2, 3, 4, 5, 6, 7, 10, 13], [2, 3, 4, 5, 6, 7, 10, 13, 14], [2, 3, 4, 5, 6, 7, 10, 13, 14, 15], [2, 3, 4, 5, 6, 7, 10, 13, 15], [2, 3, 4, 5, 6, 7, 10, 14], [2, 3, 4, 5, 6, 7, 10, 14, 15], [2, 3, 4, 5, 6, 7, 11], [2, 3, 4, 5, 6, 7, 11, 12, 13], [2, 3, 4, 5, 6, 7, 11, 12, 13, 14], [2, 3, 4, 5, 6, 7, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 11, 12, 13, 15], [2, 3, 4, 5, 6, 7, 11, 12, 14], [2, 3, 4, 5, 6, 7, 11, 12, 14, 15], [2, 3, 4, 5, 6, 7, 11, 13], [2, 3, 4, 5, 6, 7, 11, 13, 14], [2, 3, 4, 5, 6, 7, 11, 13, 14, 15], [2, 3, 4, 5, 6, 7, 11, 13, 15], [2, 3, 4, 5, 6, 7, 11, 14], [2, 3, 4, 5, 6, 7, 11, 14, 15], [2, 3, 4, 5, 6, 7, 11, 15], [2, 3, 4, 5, 6, 7, 12, 13], [2, 3, 4, 5, 6, 7, 12, 13, 14], [2, 3, 4, 5, 6, 7, 12, 13, 14, 15], [2, 3, 4, 5, 6, 7, 12, 13, 15], [2, 3, 4, 5, 6, 7, 12, 14], [2, 3, 4, 5, 6, 7, 12, 14, 15], [2, 3, 4, 5, 6, 7, 13], [2, 3, 4, 5, 6, 7, 13, 14], [2, 3, 4, 5, 6, 7, 13, 14, 15], [2, 3, 4, 5, 6, 7, 13, 15], [2, 3, 4, 5, 6, 7, 14], [2, 3, 4, 5, 6, 7, 14, 15], [2, 3, 4, 5, 6, 8], [2, 3, 4, 5, 6, 8, 9], [2, 3, 4, 5, 6, 8, 9, 10], [2, 3, 4, 5, 6, 8, 9, 10, 11], [2, 3, 4, 5, 6, 8, 9, 10, 11, 12] , [2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13], [2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14], [2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 15], [2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 14], [2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 14, 15], [2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 15], [2, 3, 4, 5, 6, 8, 9, 10, 11, 13], [2, 3, 4, 5, 6, 8, 9, 10, 11, 13, 15], [2, 3, 4, 5, 6, 8, 9, 10, 11, 14], [2, 3, 4, 5, 6, 8, 9, 10, 11, 14, 15], [2, 3, 4, 5, 6, 8, 9, 10, 11, 15], [2, 3, 4, 5, 6, 8, 9, 10, 12, 13], [2, 3, 4, 5, 6, 8, 9, 10, 12, 13, 14], [2, 3, 4, 5, 6, 8, 9, 10, 12, 13, 14, 15], [2, 3, 4, 5, 6, 8, 9, 10, 12, 13, 15], [2, 3, 4, 5, 6, 8, 9, 10, 12, 14], [2, 3, 4, 5, 6, 8, 9, 10, 12, 14, 15], [2, 3, 4, 5, 6, 8, 9, 10, 12, 15], [2, 3, 4, 5, 6, 8, 9, 10, 13], [2, 3, 4, 5, 6, 8, 9, 10, 13, 15] , [2, 3, 4, 5, 6, 8, 9, 10, 14], [2, 3, 4, 5, 6, 8, 9, 10, 14, 15], [2, 3, 4, 5, 6, 8, 9, 10, 15], [2, 3, 4, 5, 6, 8, 9, 11], [2, 3, 4, 5, 6, 8, 9, 11, 12], [2, 3, 4, 5, 6, 8, 9, 11, 12, 13] , [2, 3, 4, 5, 6, 8, 9, 11, 12, 13, 14], [2, 3, 4, 5, 6, 8, 9, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 8, 9, 11, 12, 13, 15], [2, 3, 4, 5, 6, 8, 9, 11, 12, 14], [2, 3, 4, 5, 6, 8, 9, 11, 12, 14, 15], [2, 3, 4, 5, 6, 8, 9, 11, 12, 15], [2, 3, 4, 5, 6, 8, 9, 11, 13], [2, 3, 4, 5, 6, 8, 9, 11, 13, 15] , [2, 3, 4, 5, 6, 8, 9, 11, 14], [2, 3, 4, 5, 6, 8, 9, 11, 14, 15], [2, 3, 4, 5, 6, 8, 9, 11, 15], [2, 3, 4, 5, 6, 8, 9, 12, 13], [2, 3, 4, 5, 6, 8, 9, 12, 13, 14], [2, 3, 4, 5, 6, 8, 9, 12, 13, 14, 15], [2, 3, 4, 5, 6, 8, 9, 12, 13, 15], [2, 3, 4, 5, 6, 8, 9, 12, 14], [2, 3, 4, 5, 6, 8, 9, 12, 14, 15] , [2, 3, 4, 5, 6, 8, 9, 12, 15], [2, 3, 4, 5, 6, 8, 9, 13, 15], [2, 3, 4, 5, 6, 8, 9, 14], [2, 3, 4, 5, 6, 8, 9, 14, 15], [2, 3, 4, 5, 6, 8, 9, 15], [2, 3, 4, 5, 6, 8, 10], [2, 3, 4, 5, 6, 8, 10, 11], [2, 3, 4, 5, 6, 8, 10, 11, 12], [2, 3, 4, 5, 6, 8, 10, 11, 12, 13], [2, 3, 4, 5, 6, 8, 10, 11, 12, 13, 14], [2, 3, 4, 5, 6, 8, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 8, 10, 11, 12, 13, 15], [2, 3, 4, 5, 6, 8, 10, 11, 12, 14], [2, 3, 4, 5, 6, 8, 10, 11, 12, 14, 15], [2, 3, 4, 5, 6, 8, 10, 11, 12, 15], [2, 3, 4, 5, 6, 8, 10, 11, 13, 15], [2, 3, 4, 5, 6, 8, 10, 11, 14], [2, 3, 4, 5, 6, 8, 10, 11, 14, 15], [2, 3, 4, 5, 6, 8, 10, 11, 15], [2, 3, 4, 5, 6, 8, 10, 12, 13], [2, 3, 4, 5, 6, 8, 10, 12, 13, 14], [2, 3, 4, 5, 6, 8, 10, 12, 13, 14, 15], [2, 3, 4, 5, 6, 8, 10, 12, 13, 15], [2, 3, 4, 5, 6, 8, 10, 12, 14], [2, 3, 4, 5, 6, 8, 10, 12, 14, 15], [2, 3, 4, 5, 6, 8, 10, 12, 15], [2, 3, 4, 5, 6, 8, 10, 13, 15], [2, 3, 4, 5, 6, 8, 10, 14], [2, 3, 4, 5, 6, 8, 10, 14, 15], [2, 3, 4, 5, 6, 8, 10, 15], [2, 3, 4, 5, 6, 8, 11], [2, 3, 4, 5, 6, 8, 11, 12], [2, 3, 4, 5, 6, 8, 11, 12, 13], [2, 3, 4, 5, 6, 8, 11, 12, 13, 14], [2, 3, 4, 5, 6, 8, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 8, 11, 12, 13, 15], [2, 3, 4, 5, 6, 8, 11, 12, 14], [2, 3, 4, 5, 6, 8, 11, 12, 14, 15], [2, 3, 4, 5, 6, 8, 11, 12, 15], [2, 3, 4, 5, 6, 8, 11, 14], [2, 3, 4, 5, 6, 8, 11, 14, 15], [2, 3, 4, 5, 6, 8, 11, 15], [2, 3, 4, 5, 6, 8, 12], [2, 3, 4, 5, 6, 8, 12, 13], [2, 3, 4, 5, 6, 8, 12, 13, 14], [2, 3, 4, 5, 6, 8, 12, 13, 14, 15], [2, 3, 4, 5, 6, 8, 12, 13, 15], [2, 3, 4, 5, 6, 8, 12, 14], [2, 3, 4, 5, 6, 8, 12, 14, 15], [2, 3, 4, 5, 6, 8, 12, 15], [2, 3, 4, 5, 6, 8, 14], [2, 3, 4, 5, 6, 8, 14, 15], [2, 3, 4, 5, 6, 8, 15], [2, 3, 4, 5, 6, 9], [2, 3, 4, 5, 6, 9, 10], [2, 3, 4, 5, 6, 9, 10, 11, 12, 13], [2, 3, 4, 5, 6, 9, 10, 11, 12, 13, 14], [2, 3, 4, 5, 6, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 9, 10, 11, 12, 13, 15], [2, 3, 4, 5, 6, 9, 10, 11, 12, 14], [2, 3, 4, 5, 6, 9, 10, 11, 12, 14, 15], [2, 3, 4, 5, 6, 9, 10, 11, 12, 15], [2, 3, 4, 5, 6, 9, 10, 11, 13], [2, 3, 4, 5, 6, 9, 10, 11, 13, 15], [2, 3, 4, 5, 6, 9, 10, 11, 14, 15], [2, 3, 4, 5, 6, 9, 10, 11, 15], [2, 3, 4, 5, 6, 9, 10, 12, 13], [2, 3, 4, 5, 6, 9, 10, 12, 13, 14], [2, 3, 4, 5, 6, 9, 10, 12, 13, 14, 15], [2, 3, 4, 5, 6, 9, 10, 12, 13, 15], [2, 3, 4, 5, 6, 9, 10, 12, 14], [2, 3, 4, 5, 6, 9, 10, 12, 14, 15], [2, 3, 4, 5, 6, 9, 10, 13], [2, 3, 4, 5, 6, 9, 10, 13, 15], [2, 3, 4, 5, 6, 9, 10, 14], [2, 3, 4, 5, 6, 9, 10, 14, 15], [2, 3, 4, 5, 6, 9, 10, 15], [2, 3, 4, 5, 6, 9, 11, 12, 13], [2, 3, 4, 5, 6, 9, 11, 12, 13, 14], [2, 3, 4, 5, 6, 9, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 9, 11, 12, 13, 15], [2, 3, 4, 5, 6, 9, 11, 12, 14], [2, 3, 4, 5, 6, 9, 11, 12, 14, 15], [2, 3, 4, 5, 6, 9, 11, 12, 15], [2, 3, 4, 5, 6, 9, 11, 13], [2, 3, 4, 5, 6, 9, 11, 13, 15], [2, 3, 4, 5, 6, 9, 11, 14], [2, 3, 4, 5, 6, 9, 11, 14, 15], [2, 3, 4, 5, 6, 9, 11, 15], [2, 3, 4, 5, 6, 9, 12, 13], [2, 3, 4, 5, 6, 9, 12, 13, 14], [2, 3, 4, 5, 6, 9, 12, 13, 14, 15], [2, 3, 4, 5, 6, 9, 12, 13, 15], [2, 3, 4, 5, 6, 9, 12, 14], [2, 3, 4, 5, 6, 9, 12, 14, 15], [2, 3, 4, 5, 6, 9, 13], [2, 3, 4, 5, 6, 9, 13, 15], [2, 3, 4, 5, 6, 9, 14], [2, 3, 4, 5, 6, 9, 14, 15], [2, 3, 4, 5, 6, 9, 15], [2, 3, 4, 5, 6, 10, 11, 12, 13, 14], [2, 3, 4, 5, 6, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 10, 11, 12, 13, 15], [2, 3, 4, 5, 6, 10, 11, 12, 14, 15], [2, 3, 4, 5, 6, 10, 11, 12, 15], [

2, 3, 4, 5, 6, 10, 11, 13, 15] , [2, 3, 4, 5, 6, 10, 11, 14, 15], [2, 3, 4, 5, 6, 10, 11, 15], [2, 3, 4, 5, 6, 10, 12, 13], [2, 3, 4, 5, 6, 10, 12, 13, 14], [2, 3, 4, 5, 6, 10, 12, 13, 14, 15], [2, 3, 4, 5, 6, 10, 12, 13, 15], [2, 3, 4, 5, 6, 10, 12, 14], [2, 3, 4, 5, 6, 10, 12, 14, 15], [2, 3, 4, 5, 6, 10, 13, 15], [2, 3, 4, 5, 6, 10, 14], [2, 3, 4, 5, 6, 10, 14, 15], [2, 3, 4, 5, 6, 10, 15], [2, 3, 4, 5, 6, 11, 12, 13], [2, 3, 4, 5, 6, 11, 12, 13, 14], [2, 3, 4, 5, 6, 11, 12, 13, 14, 15], [2, 3, 4, 5, 6, 11, 12, 13, 15], [2, 3, 4, 5, 6, 11, 12, 14, 15] , [2, 3, 4, 5, 6, 11, 12, 15], [2, 3, 4, 5, 6, 11, 14, 15], [2, 3, 4, 5, 6, 11, 15], [2, 3, 4, 5, 6, 12, 13], [2, 3, 4, 5, 6, 12, 13, 14], [2, 3, 4, 5, 6, 12, 13, 14, 15], [2, 3, 4, 5, 6, 12, 13, 15], [2, 3, 4, 5, 6, 12, 14], [2, 3, 4, 5, 6, 12, 14, 15], [2, 3, 4, 5, 6, 14], [2, 3, 4, 5, 6, 14, 15], [2, 3, 4, 5, 6, 15], [2, 3, 4, 5, 7, 8], [2, 3, 4, 5, 7, 8, 9, 10, 11], [2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13], [2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14], [2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 15], [2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14], [2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14, 15], [2, 3, 4, 5, 7, 8, 9, 10, 11, 13], [2, 3, 4, 5, 7, 8, 9, 10, 11, 13, 14], [2, 3, 4, 5, 7, 8, 9, 10, 11, 13, 14, 15], [2, 3, 4, 5, 7, 8, 9, 10, 11, 13, 15], [2, 3, 4, 5, 7, 8, 9, 10, 11, 14], [2, 3, 4, 5, 7, 8, 9, 10, 11, 14, 15], [2, 3, 4, 5, 7, 8, 9, 10, 11, 15], [2, 3, 4, 5, 7, 8, 9, 10, 12, 13], [2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14], [2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 15], [2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 15], [2, 3, 4, 5, 7, 8, 9, 10, 12, 14], [2, 3, 4, 5, 7, 8, 9, 10, 12, 14, 15], [2, 3, 4, 5, 7, 8, 9, 10, 13], [2, 3, 4, 5, 7, 8, 9, 10, 13, 14] , [2, 3, 4, 5, 7, 8, 9, 10, 13, 14, 15], [2, 3, 4, 5, 7, 8, 9, 10, 13, 15], [2, 3, 4, 5, 7, 8, 9, 10, 14], [2, 3, 4, 5, 7, 8, 9, 10, 14, 15] , [2, 3, 4, 5, 7, 8, 9, 10, 15], [2, 3, 4, 5, 7, 8, 9, 11], [2, 3, 4, 5, 7, 8, 9, 11, 12, 13], [2, 3, 4, 5, 7, 8, 9, 11, 12, 13, 14], [2, 3, 4, 5, 7, 8, 9, 11, 12, 13, 14, 15], [2, 3, 4, 5, 7, 8, 9, 11, 12, 13, 15], [2, 3, 4, 5, 7, 8, 9, 11, 12, 14], [2, 3, 4, 5, 7, 8, 9, 11, 12, 14, 15], [2, 3, 4, 5, 7, 8, 9, 11, 13, 14], [2, 3, 4, 5, 7, 8, 9, 11, 13, 14, 15], [2, 3, 4, 5, 7, 8, 9, 11, 13, 15], [2, 3, 4, 5, 7, 8, 9, 11, 14], [2, 3, 4, 5, 7, 8, 9, 11, 14, 15] , [2, 3, 4, 5, 7, 8, 9, 11, 15], [2, 3, 4, 5, 7, 8, 9, 12, 13], [2, 3, 4, 5, 7, 8, 9, 12, 13, 14] , [2, 3, 4, 5, 7, 8, 9, 12, 13, 14, 15], [2, 3, 4, 5, 7, 8, 9, 12, 13, 15], [2, 3, 4, 5, 7, 8, 9, 12, 14], [2, 3, 4, 5, 7, 8, 9, 12, 14, 15] , [2, 3, 4, 5, 7, 8, 9, 13, 14], [2, 3, 4, 5, 7, 8, 9, 13, 14, 15], [2, 3, 4, 5, 7, 8, 9, 13, 15], [2, 3, 4, 5, 7, 8, 9, 14], [2, 3, 4, 5, 7, 8, 9, 14, 15], [2, 3, 4, 5, 7, 8, 9, 15], [2, 3, 4, 5, 7, 8, 10], [2, 3, 4, 5, 7, 8, 10, 11], [2, 3, 4, 5, 7, 8, 10, 11, 12, 13], [2, 3, 4, 5, 7, 8, 10, 11, 12, 13, 14], [2, 3, 4, 5, 7, 8, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 7, 8, 10, 11, 12, 13, 15], [2, 3, 4, 5, 7, 8, 10, 11, 12, 14], [2, 3, 4, 5, 7, 8, 10, 11, 12, 14, 15], [2, 3, 4, 5, 7, 8, 10, 11, 13], [2, 3, 4, 5, 7, 8, 10, 11, 13, 14], [2, 3, 4, 5, 7, 8, 10, 11, 13, 14, 15], [2, 3, 4, 5, 7, 8, 10, 11, 13, 15], [2, 3, 4, 5, 7, 8, 10, 11, 14], [2, 3, 4, 5, 7, 8, 10, 11, 14, 15], [2, 3, 4, 5, 7, 8, 10, 11, 15], [2, 3, 4, 5, 7, 8, 10, 12, 13], [2, 3, 4, 5, 7, 8, 10, 12, 13, 14], [2, 3, 4, 5, 7, 8, 10, 12, 13, 14, 15], [2, 3, 4, 5, 7, 8, 10, 12, 13, 15], [2, 3, 4, 5, 7, 8, 10, 12, 14], [2, 3, 4, 5, 7, 8, 10, 12, 14, 15], [2, 3, 4, 5, 7, 8, 10, 13], [2, 3, 4, 5, 7, 8, 10, 13, 14], [2, 3, 4, 5, 7, 8, 10, 13, 14, 15], [2, 3, 4, 5, 7, 8, 10, 13, 15], [2, 3, 4, 5, 7, 8, 10, 14], [2, 3, 4, 5, 7, 8, 10, 14, 15], [2, 3, 4, 5, 7, 8, 10, 15], [2, 3, 4, 5, 7, 8, 11], [2, 3, 4, 5, 7, 8, 11, 12, 13], [2, 3, 4, 5, 7, 8, 11, 12, 13, 14], [2, 3, 4, 5, 7, 8, 11, 12, 13, 14, 15], [2, 3, 4, 5, 7, 8, 11, 12, 13, 15], [2, 3, 4, 5, 7, 8, 11, 12, 14], [2, 3, 4, 5, 7, 8, 11, 12, 14, 15], [2, 3, 4, 5, 7, 8, 11, 13], [2, 3, 4, 5, 7, 8, 11, 13, 14, 15], [2, 3, 4, 5, 7, 8, 11, 13, 15], [2, 3, 4, 5, 7, 8, 11, 14], [2, 3, 4, 5, 7, 8, 11, 14, 15], [2, 3, 4, 5, 7, 8, 11, 15], [2, 3, 4, 5, 7, 8, 12, 13], [2, 3, 4, 5, 7, 8, 12, 13, 14], [2, 3, 4, 5, 7, 8, 12, 13, 14, 15], [2, 3, 4, 5, 7, 8, 12, 13, 15], [2, 3, 4, 5, 7, 8, 12, 14], [2, 3, 4, 5, 7, 8, 12, 14, 15], [2, 3, 4, 5, 7, 8, 13], [2, 3, 4, 5, 7, 8, 13, 14, 15], [2, 3, 4, 5, 7, 8, 13, 15], [2, 3, 4, 5, 7, 8, 14], [2, 3, 4, 5, 7, 8, 14, 15], [2, 3, 4, 5, 7, 8, 15], [2, 3, 4, 5, 7, 9, 10, 11, 12, 13], [2, 3, 4, 5, 7, 9, 10, 11, 12, 13, 14], [2, 3, 4, 5, 7, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 7, 9, 10, 11, 12, 13, 15], [

2, 3, 4, 5, 7, 9, 10, 11, 12, 14], [2, 3, 4, 5, 7, 9, 10, 11, 12, 14, 15], [2, 3, 4, 5, 7, 9, 10, 11, 13], [2, 3, 4, 5, 7, 9, 10, 11, 13, 14], [2, 3, 4, 5, 7, 9, 10, 11, 13, 14, 15], [2, 3, 4, 5, 7, 9, 10, 11, 13, 15], [2, 3, 4, 5, 7, 9, 10, 11, 14], [2, 3, 4, 5, 7, 9, 10, 11, 14, 15], [2, 3, 4, 5, 7, 9, 10, 11, 15], [2, 3, 4, 5, 7, 9, 10, 12, 13], [2, 3, 4, 5, 7, 9, 10, 12, 13, 14], [2, 3, 4, 5, 7, 9, 10, 12, 13, 14, 15], [2, 3, 4, 5, 7, 9, 10, 12, 13, 15], [2, 3, 4, 5, 7, 9, 10, 12, 14, 15], [2, 3, 4, 5, 7, 9, 10, 13], [2, 3, 4, 5, 7, 9, 10, 13, 14], [2, 3, 4, 5, 7, 9, 10, 13, 14, 15], [2, 3, 4, 5, 7, 9, 10, 13, 15], [2, 3, 4, 5, 7, 9, 10, 14], [2, 3, 4, 5, 7, 9, 10, 14, 15], [2, 3, 4, 5, 7, 9, 11, 12, 13], [2, 3, 4, 5, 7, 9, 11, 12, 13, 14], [2, 3, 4, 5, 7, 9, 11, 12, 13, 14, 15], [2, 3, 4, 5, 7, 9, 11, 12, 13, 15], [2, 3, 4, 5, 7, 9, 11, 12, 14], [2, 3, 4, 5, 7, 9, 11, 12, 14, 15], [2, 3, 4, 5, 7, 9, 11, 13, 14], [2, 3, 4, 5, 7, 9, 11, 13, 14, 15], [2, 3, 4, 5, 7, 9, 11, 13, 15], [2, 3, 4, 5, 7, 9, 11, 14], [2, 3, 4, 5, 7, 9, 11, 14, 15], [2, 3, 4, 5, 7, 9, 11, 15], [2, 3, 4, 5, 7, 9, 12, 13], [2, 3, 4, 5, 7, 9, 12, 13, 14], [2, 3, 4, 5, 7, 9, 12, 13, 14, 15], [2, 3, 4, 5, 7, 9, 12, 13, 15], [2, 3, 4, 5, 7, 9, 12, 14], [2, 3, 4, 5, 7, 9, 12, 14, 15], [2, 3, 4, 5, 7, 9, 13, 14], [2, 3, 4, 5, 7, 9, 13, 14, 15], [2, 3, 4, 5, 7, 9, 13, 15], [2, 3, 4, 5, 7, 9, 14], [2, 3, 4, 5, 7, 9, 14, 15], [2, 3, 4, 5, 7, 10, 11], [2, 3, 4, 5, 7, 10, 11, 12, 13], [2, 3, 4, 5, 7, 10, 11, 12, 13, 14], [2, 3, 4, 5, 7, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 7, 10, 11, 12, 13, 15], [2, 3, 4, 5, 7, 10, 11, 12, 14], [2, 3, 4, 5, 7, 10, 11, 12, 14, 15], [2, 3, 4, 5, 7, 10, 11, 13], [2, 3, 4, 5, 7, 10, 11, 13, 14], [2, 3, 4, 5, 7, 10, 11, 13, 14, 15], [2, 3, 4, 5, 7, 10, 11, 13, 15], [2, 3, 4, 5, 7, 10, 11, 14], [2, 3, 4, 5, 7, 10, 11, 14, 15], [2, 3, 4, 5, 7, 10, 11, 15], [2, 3, 4, 5, 7, 10, 12, 13], [2, 3, 4, 5, 7, 10, 12, 13, 14], [2, 3, 4, 5, 7, 10, 12, 13, 14, 15], [2, 3, 4, 5, 7, 10, 12, 13, 15], [2, 3, 4, 5, 7, 10, 12, 14], [2, 3, 4, 5, 7, 10, 12, 14, 15], [2, 3, 4, 5, 7, 10, 13], [2, 3, 4, 5, 7, 10, 13, 14], [2, 3, 4, 5, 7, 10, 13, 14, 15], [2, 3, 4, 5, 7, 10, 13, 15], [2, 3, 4, 5, 7, 10, 14], [2, 3, 4, 5, 7, 10, 14, 15], [2, 3, 4, 5, 7, 10, 15], [2, 3, 4, 5, 7, 11], [2, 3, 4, 5, 7, 11, 12, 13], [2, 3, 4, 5, 7, 11, 12, 13, 14], [2, 3, 4, 5, 7, 11, 12, 13, 14, 15], [2, 3, 4, 5, 7, 11, 12, 13, 15], [2, 3, 4, 5, 7, 11, 12, 14], [2, 3, 4, 5, 7, 11, 12, 14, 15], [2, 3, 4, 5, 7, 11, 13], [2, 3, 4, 5, 7, 11, 13, 14, 15], [2, 3, 4, 5, 7, 11, 13, 15], [2, 3, 4, 5, 7, 11, 14], [2, 3, 4, 5, 7, 11, 14, 15], [2, 3, 4, 5, 7, 11, 15], [2, 3, 4, 5, 7, 12, 13], [2, 3, 4, 5, 7, 12, 13, 14], [2, 3, 4, 5, 7, 12, 13, 14, 15], [2, 3, 4, 5, 7, 12, 13, 15], [2, 3, 4, 5, 7, 12, 14], [2, 3, 4, 5, 7, 12, 14, 15], [2, 3, 4, 5, 7, 13], [2, 3, 4, 5, 7, 13, 14, 15], [2, 3, 4, 5, 7, 13, 15], [2, 3, 4, 5, 7, 14], [2, 3, 4, 5, 7, 14, 15], [2, 3, 4, 5, 7, 15], [2, 3, 4, 5, 8], [2, 3, 4, 5, 8, 9], [2, 3, 4, 5, 8, 9, 10], [2, 3, 4, 5, 8, 9, 10, 11], [2, 3, 4, 5, 8, 9, 10, 11, 12], [2, 3, 4, 5, 8, 9, 10, 11, 12, 13], [2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14], [2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 15], [2, 3, 4, 5, 8, 9, 10, 11, 12, 14], [2, 3, 4, 5, 8, 9, 10, 11, 12, 14, 15], [2, 3, 4, 5, 8, 9, 10, 11, 12, 15], [2, 3, 4, 5, 8, 9, 10, 11, 13], [2, 3, 4, 5, 8, 9, 10, 11, 13, 15], [2, 3, 4, 5, 8, 9, 10, 11, 14], [2, 3, 4, 5, 8, 9, 10, 11, 14, 15], [2, 3, 4, 5, 8, 9, 10, 11, 15], [2, 3, 4, 5, 8, 9, 10, 12, 13], [2, 3, 4, 5, 8, 9, 10, 12, 13, 14], [2, 3, 4, 5, 8, 9, 10, 12, 13, 14, 15], [2, 3, 4, 5, 8, 9, 10, 12, 13, 15], [2, 3, 4, 5, 8, 9, 10, 12, 14], [2, 3, 4, 5, 8, 9, 10, 12, 14, 15], [2, 3, 4, 5, 8, 9, 10, 12, 15], [2, 3, 4, 5, 8, 9, 10, 13], [2, 3, 4, 5, 8, 9, 10, 13, 15], [2, 3, 4, 5, 8, 9, 10, 14], [2, 3, 4, 5, 8, 9, 10, 14, 15], [2, 3, 4, 5, 8, 9, 10, 15], [2, 3, 4, 5, 8, 9, 11], [2, 3, 4, 5, 8, 9, 11, 12], [2, 3, 4, 5, 8, 9, 11, 12, 13], [2, 3, 4, 5, 8, 9, 11, 12, 13, 14], [2, 3, 4, 5, 8, 9, 11, 12, 13, 14, 15], [2, 3, 4, 5, 8, 9, 11, 12, 13, 15], [2, 3, 4, 5, 8, 9, 11, 12, 14], [2, 3, 4, 5, 8, 9, 11, 12, 14, 15], [2, 3, 4, 5, 8, 9, 11, 12, 15], [2, 3, 4, 5, 8, 9, 11, 13, 15], [2, 3, 4, 5, 8, 9, 11, 14], [2, 3, 4, 5, 8, 9, 11, 14, 15], [2, 3, 4, 5, 8, 9, 11, 15], [2, 3, 4, 5, 8, 9, 12, 13], [2, 3, 4, 5, 8, 9, 12, 13, 14], [2, 3, 4, 5, 8, 9, 12, 13, 14, 15], [2, 3, 4, 5, 8, 9, 12, 13, 15], [2, 3, 4, 5, 8, 9, 12, 14], [2, 3, 4, 5, 8, 9, 12, 14, 15], [2, 3, 4, 5, 8, 9, 12, 15], [2, 3, 4, 5, 8, 9, 13, 15], [2, 3, 4, 5, 8, 9, 14], [2, 3, 4, 5, 8, 9, 14, 15], [2, 3, 4, 5, 8, 9, 15], [2, 3, 4, 5, 8, 10], [2, 3, 4, 5, 8, 10, 11], [2, 3, 4, 5, 8, 10, 11, 12], [2, 3, 4, 5, 8, 10, 11, 12, 13], [2, 3, 4, 5, 8, 10, 11, 12, 13, 14], [2, 3, 4, 5, 8, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 8, 10, 11, 12, 13, 15], [2, 3, 4, 5, 8, 10, 11, 12, 14], [2, 3, 4, 5, 8, 10, 11, 12, 14, 15], [2, 3, 4, 5, 8, 10, 11, 12, 15], [2, 3, 4, 5, 8, 10, 11, 13, 15] , [2, 3, 4, 5, 8, 10, 11, 14], [2, 3, 4, 5, 8, 10, 11, 14, 15] , [2, 3, 4, 5, 8, 10, 11, 15], [2, 3, 4, 5, 8, 10, 12], [2, 3, 4, 5, 8, 10, 12, 13], [2, 3, 4, 5, 8, 10, 12, 13, 14], [2, 3, 4, 5, 8, 10, 12, 13, 14, 15], [2, 3, 4, 5, 8, 10, 12, 13, 15], [2, 3, 4, 5, 8, 10, 12, 14], [2, 3, 4, 5, 8, 10, 12, 14, 15], [2, 3, 4, 5, 8, 10, 12, 15], [2, 3, 4, 5, 8, 10, 13, 15], [2, 3, 4, 5, 8, 10, 14], [2, 3, 4, 5, 8, 10, 14, 15], [2, 3, 4, 5, 8, 10, 15], [2, 3, 4, 5, 8, 11], [2, 3, 4, 5, 8, 11, 12], [2, 3, 4, 5, 8, 11, 12, 13], [2, 3, 4, 5, 8, 11, 12, 13, 14, 15] , [2, 3, 4, 5, 8, 11, 12, 13, 15], [2, 3, 4, 5, 8, 11, 12, 14], [2, 3, 4, 5, 8, 11, 12, 14, 15], [2, 3, 4, 5, 8, 11, 12, 15], [2, 3, 4, 5, 8, 11, 14, 15], [2, 3, 4, 5, 8, 11, 15], [2, 3, 4, 5, 8, 12], [2, 3, 4, 5, 8, 12, 13], [2, 3, 4, 5, 8, 12, 13, 14, 15], [2, 3, 4, 5, 8, 12, 13, 15], [2, 3, 4, 5, 8, 12, 14], [2, 3, 4, 5, 8, 12, 14, 15], [2, 3, 4, 5, 8, 12, 15], [2, 3, 4, 5, 8, 14, 15], [2, 3, 4, 5, 8, 15], [2, 3, 4, 5, 9], [2, 3, 4, 5, 9, 10], [2, 3, 4, 5, 9, 10, 11, 12, 13], [2, 3, 4, 5, 9, 10, 11, 12, 13, 14], [2, 3, 4, 5, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 9, 10, 11, 12, 13, 15], [2, 3, 4, 5, 9, 10, 11, 12, 14], [2, 3, 4, 5, 9, 10, 11, 12, 14, 15], [2, 3, 4, 5, 9, 10, 11, 12, 15], [2, 3, 4, 5, 9, 10, 11, 13], [2, 3, 4, 5, 9, 10, 11, 13, 15], [2, 3, 4, 5, 9, 10, 11, 14], [2, 3, 4, 5, 9, 10, 11, 14, 15], [2, 3, 4, 5, 9, 10, 11, 15], [2, 3, 4, 5, 9, 10, 12, 13], [2, 3, 4, 5, 9, 10, 12, 13, 14], [2, 3, 4, 5, 9, 10, 12, 13, 14, 15], [2, 3, 4, 5, 9, 10, 12, 13, 15], [2, 3, 4, 5, 9, 10, 12, 14], [2, 3, 4, 5, 9, 10, 12, 14, 15], [2, 3, 4, 5, 9, 10, 13], [2, 3, 4, 5, 9, 10, 13, 15], [2, 3, 4, 5, 9, 10, 14], [2, 3, 4, 5, 9, 10, 14, 15], [2, 3, 4, 5, 9, 10, 15], [2, 3, 4, 5, 9, 11], [2, 3, 4, 5, 9, 11, 12, 13], [2, 3, 4, 5, 9, 11, 12, 13, 14], [2, 3, 4, 5, 9, 11, 12, 13, 14, 15], [2, 3, 4, 5, 9, 11, 12, 13, 15], [2, 3, 4, 5, 9, 11, 12, 14], [2, 3, 4, 5, 9, 11, 12, 14, 15], [2, 3, 4, 5, 9, 11, 12, 15], [2, 3, 4, 5, 9, 11, 13, 15], [2, 3, 4, 5, 9, 11, 14], [2, 3, 4, 5, 9, 11, 14, 15], [2, 3, 4, 5, 9, 11, 15], [2, 3, 4, 5, 9, 12, 13], [2, 3, 4, 5, 9, 12, 13, 14], [2, 3, 4, 5, 9, 12, 13, 14, 15], [2, 3, 4, 5, 9, 12, 13, 15], [2, 3, 4, 5, 9, 12, 14], [2, 3, 4, 5, 9, 12, 14, 15], [2, 3, 4, 5, 9, 13, 15], [2, 3, 4, 5, 9, 14], [2, 3, 4, 5, 9, 14, 15], [2, 3, 4, 5, 9, 15], [2, 3, 4, 5, 10], [2, 3, 4, 5, 10, 11, 12, 13], [2, 3, 4, 5, 10, 11, 12, 13, 14], [2, 3, 4, 5, 10, 11, 12, 13, 14, 15], [2, 3, 4, 5, 10, 11, 12, 13, 15], [2, 3, 4, 5, 10, 11, 12, 14, 15], [2, 3, 4, 5, 10, 11, 12, 15], [2, 3, 4, 5, 10, 11, 13, 15], [2, 3, 4, 5, 10, 11, 14, 15], [2, 3, 4, 5, 10, 11, 15], [2, 3, 4, 5, 10, 12, 13], [2, 3, 4, 5, 10, 12, 13, 14], [2, 3, 4, 5, 10, 12, 13, 14, 15], [2, 3, 4, 5, 10, 12, 13, 15], [2, 3, 4, 5, 10, 12, 14], [2, 3, 4, 5, 10, 12, 14, 15], [2, 3, 4, 5, 10, 13, 15], [2, 3, 4, 5, 10, 14], [2, 3, 4, 5, 10, 14, 15], [2, 3, 4, 5, 10, 15], [2, 3, 4, 5, 11, 12, 13], [2, 3, 4, 5, 11, 12, 13, 14, 15], [2, 3, 4, 5, 11, 12, 13, 15], [2, 3, 4, 5, 11, 12, 14], [2, 3, 4, 5, 11, 12, 14, 15], [2, 3, 4, 5, 11, 12, 15], [2, 3, 4, 5, 11, 14, 15], [2, 3, 4, 5, 11, 15], [2, 3, 4, 5, 12, 13], [2, 3, 4, 5, 12, 13, 14, 15], [2, 3, 4, 5, 12, 13, 15], [2, 3, 4, 5, 12, 14], [2, 3, 4, 5, 12, 14, 15], [2, 3, 4, 5, 12, 15], [2, 3, 4, 5, 14, 15], [2, 3, 4, 5, 15], [2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13], [2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14], [2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 15], [2, 3, 4, 6, 7, 8, 9, 10, 11, 13], [2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 14], [2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 14, 15], [2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 15], [2, 3, 4, 6, 7, 8, 9, 10, 11, 14], [2, 3, 4, 6, 7, 8, 9, 10, 11, 14, 15], [2, 3, 4, 6, 7, 8, 9, 10, 12, 13], [2, 3, 4, 6, 7, 8, 9, 10, 12, 13, 14], [2, 3, 4, 6, 7, 8, 9, 10, 12, 13, 14, 15], [2, 3, 4, 6, 7, 8, 9, 10, 12, 13, 15], [2, 3, 4, 6, 7, 8, 9, 10, 13], [2, 3, 4, 6, 7, 8, 9, 10, 13, 14] , [2, 3, 4, 6, 7, 8, 9, 10, 13, 14, 15], [2, 3, 4, 6, 7, 8, 9, 10, 13, 15], [2, 3, 4, 6, 7, 8, 9, 10, 14], [2, 3, 4, 6, 7, 8, 9, 10, 14, 15] , [2, 3, 4, 6, 7, 8, 9, 11, 12, 13], [2, 3, 4, 6, 7, 8, 9, 11, 12, 13, 14], [2, 3, 4, 6, 7, 8, 9, 11, 12, 13, 14, 15], [2, 3, 4, 6, 7, 8, 9, 11, 12, 13, 15], [2, 3, 4, 6, 7, 8, 9, 11, 13, 14

], [2, 3, 4, 6, 7, 8, 9, 11, 13, 14, 15], [2, 3, 4, 6, 7, 8, 9, 11, 13, 15], [2, 3, 4, 6, 7, 8, 9, 11, 14], [2, 3, 4, 6, 7, 8, 9, 11, 14, 15] , [2, 3, 4, 6, 7, 8, 9, 12, 13], [2, 3, 4, 6, 7, 8, 9, 12, 13, 14], [2, 3, 4, 6, 7, 8, 9, 12, 13, 14, 15], [2, 3, 4, 6, 7, 8, 9, 12, 13, 15], [2, 3, 4, 6, 7, 8, 9, 13, 14], [2, 3, 4, 6, 7, 8, 9, 13, 14, 15] , [2, 3, 4, 6, 7, 8, 9, 13, 15], [2, 3, 4, 6, 7, 8, 9, 14], [2, 3, 4, 6, 7, 8, 9, 14, 15], [2, 3, 4, 6, 7, 8, 10, 11, 12, 13], [2, 3, 4, 6, 7, 8, 10, 11, 12, 13, 14], [2, 3, 4, 6, 7, 8, 10, 11, 12, 13, 14, 15], [2, 3, 4, 6, 7, 8, 10, 11, 12, 13, 15], [2, 3, 4, 6, 7, 8, 10, 11, 12, 14, 15], [2, 3, 4, 6, 7, 8, 10, 11, 13], [2, 3, 4, 6, 7, 8, 10, 11, 13, 14], [2, 3, 4, 6, 7, 8, 10, 11, 13, 14, 15], [2, 3, 4, 6, 7, 8, 10, 11, 13, 15], [2, 3, 4, 6, 7, 8, 10, 11, 14], [2, 3, 4, 6, 7, 8, 10, 11, 14, 15], [2, 3, 4, 6, 7, 8, 10, 12, 13], [2, 3, 4, 6, 7, 8, 10, 12, 13, 14], [2, 3, 4, 6, 7, 8, 10, 12, 13, 14, 15], [2, 3, 4, 6, 7, 8, 10, 12, 13, 15], [2, 3, 4, 6, 7, 8, 10, 13], [2, 3, 4, 6, 7, 8, 10, 13, 14], [2, 3, 4, 6, 7, 8, 10, 13, 14, 15], [2, 3, 4, 6, 7, 8, 10, 13, 15], [2, 3, 4, 6, 7, 8, 10, 14], [2, 3, 4, 6, 7, 8, 10, 14, 15], [2, 3, 4, 6, 7, 8, 11, 12, 13], [2, 3, 4, 6, 7, 8, 11, 12, 13, 14], [2, 3, 4, 6, 7, 8, 11, 12, 13, 14, 15], [2, 3, 4, 6, 7, 8, 11, 12, 13, 15], [2, 3, 4, 6, 7, 8, 11, 12, 14, 15], [2, 3, 4, 6, 7, 8, 11, 13], [2, 3, 4, 6, 7, 8, 11, 13, 14], [2, 3, 4, 6, 7, 8, 11, 13, 14, 15], [2, 3, 4, 6, 7, 8, 11, 13, 15], [2, 3, 4, 6, 7, 8, 11, 14], [2, 3, 4, 6, 7, 8, 11, 14, 15], [2, 3, 4, 6, 7, 8, 12, 13], [2, 3, 4, 6, 7, 8, 12, 13, 14], [2, 3, 4, 6, 7, 8, 12, 13, 14, 15], [2, 3, 4, 6, 7, 8, 12, 13, 15], [2, 3, 4, 6, 7, 8, 13], [2, 3, 4, 6, 7, 8, 13, 14], [2, 3, 4, 6, 7, 8, 13, 14, 15], [2, 3, 4, 6, 7, 8, 13, 15], [2, 3, 4, 6, 7, 8, 14], [2, 3, 4, 6, 7, 8, 14, 15], [2, 3, 4, 6, 7, 9, 10, 11, 12, 13], [2, 3, 4, 6, 7, 9, 10, 11, 12, 13, 14], [2, 3, 4, 6, 7, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 6, 7, 9, 10, 11, 12, 13, 15], [2, 3, 4, 6, 7, 9, 10, 11, 13], [2, 3, 4, 6, 7, 9, 10, 11, 13, 14], [2, 3, 4, 6, 7, 9, 10, 11, 13, 14, 15], [2, 3, 4, 6, 7, 9, 10, 11, 13, 15], [2, 3, 4, 6, 7, 9, 10, 11, 14], [2, 3, 4, 6, 7, 9, 10, 11, 14, 15], [2, 3, 4, 6, 7, 9, 10, 12, 13, 14], [2, 3, 4, 6, 7, 9, 10, 12, 13, 14, 15], [2, 3, 4, 6, 7, 9, 10, 12, 13, 15], [2, 3, 4, 6, 7, 9, 10, 13], [2, 3, 4, 6, 7, 9, 10, 13, 14], [2, 3, 4, 6, 7, 9, 10, 13, 14, 15], [2, 3, 4, 6, 7, 9, 10, 13, 15], [2, 3, 4, 6, 7, 9, 10, 14], [2, 3, 4, 6, 7, 9, 10, 14, 15], [2, 3, 4, 6, 7, 9, 11, 12, 13], [2, 3, 4, 6, 7, 9, 11, 12, 13, 14], [2, 3, 4, 6, 7, 9, 11, 12, 13, 14, 15], [2, 3, 4, 6, 7, 9, 11, 12, 13, 15], [2, 3, 4, 6, 7, 9, 11, 13], [2, 3, 4, 6, 7, 9, 11, 13, 14], [2, 3, 4, 6, 7, 9, 11, 13, 14, 15], [2, 3, 4, 6, 7, 9, 11, 13, 15], [2, 3, 4, 6, 7, 9, 11, 14], [2, 3, 4, 6, 7, 9, 11, 14, 15], [2, 3, 4, 6, 7, 9, 12, 13, 14], [2, 3, 4, 6, 7, 9, 12, 13, 14, 15], [2, 3, 4, 6, 7, 9, 12, 13, 15], [2, 3, 4, 6, 7, 9, 13, 14], [2, 3, 4, 6, 7, 9, 13, 14, 15], [2, 3, 4, 6, 7, 9, 13, 15], [2, 3, 4, 6, 7, 9, 14], [2, 3, 4, 6, 7, 9, 14, 15], [2, 3, 4, 6, 7, 10, 11, 12, 13], [2, 3, 4, 6, 7, 10, 11, 12, 13, 14], [2, 3, 4, 6, 7, 10, 11, 12, 13, 14, 15], [2, 3, 4, 6, 7, 10, 11, 12, 13, 15], [2, 3, 4, 6, 7, 10, 11, 13], [2, 3, 4, 6, 7, 10, 11, 13, 14], [2, 3, 4, 6, 7, 10, 11, 13, 14, 15], [2, 3, 4, 6, 7, 10, 11, 13, 15], [2, 3, 4, 6, 7, 10, 11, 14], [2, 3, 4, 6, 7, 10, 11, 14, 15], [2, 3, 4, 6, 7, 10, 12, 13], [2, 3, 4, 6, 7, 10, 12, 13, 14], [2, 3, 4, 6, 7, 10, 12, 13, 14, 15], [2, 3, 4, 6, 7, 10, 12, 13, 15], [2, 3, 4, 6, 7, 10, 13], [2, 3, 4, 6, 7, 10, 13, 14], [2, 3, 4, 6, 7, 10, 13, 14, 15], [2, 3, 4, 6, 7, 10, 13, 15], [2, 3, 4, 6, 7, 10, 14], [2, 3, 4, 6, 7, 10, 14, 15], [2, 3, 4, 6, 7, 11, 12, 13], [2, 3, 4, 6, 7, 11, 12, 13, 14], [2, 3, 4, 6, 7, 11, 12, 13, 14, 15], [2, 3, 4, 6, 7, 11, 12, 13, 15], [2, 3, 4, 6, 7, 11, 13], [2, 3, 4, 6, 7, 11, 13, 14], [2, 3, 4, 6, 7, 11, 13, 14, 15], [2, 3, 4, 6, 7, 11, 13, 15], [2, 3, 4, 6, 7, 11, 14], [2, 3, 4, 6, 7, 11, 14, 15], [2, 3, 4, 6, 7, 12, 13], [2, 3, 4, 6, 7, 12, 13, 14], [2, 3, 4, 6, 7, 12, 13, 14, 15], [2, 3, 4, 6, 7, 12, 13, 15], [2, 3, 4, 6, 7, 13], [2, 3, 4, 6, 7, 13, 14], [2, 3, 4, 6, 7, 13, 14, 15], [2, 3, 4, 6, 7, 13, 15], [2, 3, 4, 6, 7, 14], [2, 3, 4, 6, 7, 14, 15], [2, 3, 4, 6, 8], [2, 3, 4, 6, 8, 9], [2, 3, 4, 6, 8, 9, 10], [2, 3, 4, 6, 8, 9, 10, 11], [2, 3, 4, 6, 8, 9, 10, 11, 12, 13], [2, 3, 4, 6, 8, 9, 10, 11, 12, 13, 14], [2, 3, 4, 6, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 6, 8, 9, 10, 11, 12, 13, 15], [2, 3, 4, 6, 8, 9, 10, 11, 12, 14], [2, 3, 4, 6, 8, 9, 10, 11, 12, 14, 15], [2, 3, 4, 6, 8, 9, 10, 11, 13], [

2, 3, 4, 6, 8, 9, 10, 11, 13, 14], [2, 3, 4, 6, 8, 9, 10, 11, 13, 14, 15], [2, 3, 4, 6, 8, 9, 10, 11, 13, 15], [2, 3, 4, 6, 8, 9, 10, 11, 14], [2, 3, 4, 6, 8, 9, 10, 11, 14, 15], [2, 3, 4, 6, 8, 9, 10, 11, 15], [2, 3, 4, 6, 8, 9, 10, 12, 13], [2, 3, 4, 6, 8, 9, 10, 12, 13, 14], [2, 3, 4, 6, 8, 9, 10, 12, 13, 14, 15], [2, 3, 4, 6, 8, 9, 10, 12, 13, 15], [2, 3, 4, 6, 8, 9, 10, 12, 14], [2, 3, 4, 6, 8, 9, 10, 12, 14, 15], [2, 3, 4, 6, 8, 9, 10, 13], [2, 3, 4, 6, 8, 9, 10, 13, 14], [2, 3, 4, 6, 8, 9, 10, 13, 14, 15], [2, 3, 4, 6, 8, 9, 10, 13, 15], [2, 3, 4, 6, 8, 9, 10, 14], [2, 3, 4, 6, 8, 9, 10, 14, 15], [2, 3, 4, 6, 8, 9, 10, 15], [2, 3, 4, 6, 8, 9, 11], [2, 3, 4, 6, 8, 9, 11, 12, 13], [2, 3, 4, 6, 8, 9, 11, 12, 13, 14], [2, 3, 4, 6, 8, 9, 11, 12, 13, 14, 15], [2, 3, 4, 6, 8, 9, 11, 12, 13, 15], [2, 3, 4, 6, 8, 9, 11, 12, 14], [2, 3, 4, 6, 8, 9, 11, 12, 14, 15], [2, 3, 4, 6, 8, 9, 11, 13, 14, 15], [2, 3, 4, 6, 8, 9, 11, 13, 15], [2, 3, 4, 6, 8, 9, 11, 14], [2, 3, 4, 6, 8, 9, 11, 14, 15], [2, 3, 4, 6, 8, 9, 11, 15], [2, 3, 4, 6, 8, 9, 12, 13], [2, 3, 4, 6, 8, 9, 12, 13, 14], [2, 3, 4, 6, 8, 9, 12, 13, 14, 15], [2, 3, 4, 6, 8, 9, 12, 13, 15], [2, 3, 4, 6, 8, 9, 12, 14], [2, 3, 4, 6, 8, 9, 12, 14, 15], [2, 3, 4, 6, 8, 9, 13, 14, 15], [2, 3, 4, 6, 8, 9, 13, 15], [2, 3, 4, 6, 8, 9, 14], [2, 3, 4, 6, 8, 9, 14, 15], [2, 3, 4, 6, 8, 9, 15], [2, 3, 4, 6, 8, 10], [2, 3, 4, 6, 8, 10, 11], [2, 3, 4, 6, 8, 10, 11, 12, 13], [2, 3, 4, 6, 8, 10, 11, 12, 13, 14], [2, 3, 4, 6, 8, 10, 11, 12, 13, 14, 15], [2, 3, 4, 6, 8, 10, 11, 12, 13, 15], [2, 3, 4, 6, 8, 10, 11, 12, 14], [2, 3, 4, 6, 8, 10, 11, 12, 14, 15], [2, 3, 4, 6, 8, 10, 11, 13], [2, 3, 4, 6, 8, 10, 11, 13, 15], [2, 3, 4, 6, 8, 10, 11, 14], [2, 3, 4, 6, 8, 10, 11, 14, 15], [2, 3, 4, 6, 8, 10, 11, 15], [2, 3, 4, 6, 8, 10, 12, 13], [2, 3, 4, 6, 8, 10, 12, 13, 14], [2, 3, 4, 6, 8, 10, 12, 13, 14, 15], [2, 3, 4, 6, 8, 10, 12, 13, 15], [2, 3, 4, 6, 8, 10, 12, 14], [2, 3, 4, 6, 8, 10, 12, 14, 15], [2, 3, 4, 6, 8, 10, 13], [2, 3, 4, 6, 8, 10, 13, 15], [2, 3, 4, 6, 8, 10, 14], [2, 3, 4, 6, 8, 10, 14, 15], [2, 3, 4, 6, 8, 10, 15], [2, 3, 4, 6, 8, 11], [2, 3, 4, 6, 8, 11, 12, 13], [2, 3, 4, 6, 8, 11, 12, 13, 14], [2, 3, 4, 6, 8, 11, 12, 13, 14, 15], [2, 3, 4, 6, 8, 11, 12, 13, 15], [2, 3, 4, 6, 8, 11, 12, 14], [2, 3, 4, 6, 8, 11, 12, 14, 15], [2, 3, 4, 6, 8, 11, 13], [2, 3, 4, 6, 8, 11, 13, 15], [2, 3, 4, 6, 8, 11, 14], [2, 3, 4, 6, 8, 11, 14, 15], [2, 3, 4, 6, 8, 11, 15], [2, 3, 4, 6, 8, 12, 13], [2, 3, 4, 6, 8, 12, 13, 14], [2, 3, 4, 6, 8, 12, 13, 14, 15], [2, 3, 4, 6, 8, 12, 13, 15], [2, 3, 4, 6, 8, 12, 14], [2, 3, 4, 6, 8, 12, 14, 15], [2, 3, 4, 6, 8, 13], [2, 3, 4, 6, 8, 13, 15], [2, 3, 4, 6, 8, 14], [2, 3, 4, 6, 8, 14, 15], [2, 3, 4, 6, 8, 15], [2, 3, 4, 6, 9, 10, 11], [2, 3, 4, 6, 9, 10, 11, 12, 13], [2, 3, 4, 6, 9, 10, 11, 12, 13, 14], [2, 3, 4, 6, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 6, 9, 10, 11, 12, 13, 15], [2, 3, 4, 6, 9, 10, 11, 12, 14], [2, 3, 4, 6, 9, 10, 11, 12, 14, 15], [2, 3, 4, 6, 9, 10, 11, 13], [2, 3, 4, 6, 9, 10, 11, 13, 14], [2, 3, 4, 6, 9, 10, 11, 13, 14, 15], [2, 3, 4, 6, 9, 10, 11, 13, 15], [2, 3, 4, 6, 9, 10, 11, 14], [2, 3, 4, 6, 9, 10, 11, 14, 15], [2, 3, 4, 6, 9, 10, 11, 15], [2, 3, 4, 6, 9, 10, 12, 13], [2, 3, 4, 6, 9, 10, 12, 13, 14], [2, 3, 4, 6, 9, 10, 12, 13, 14, 15], [2, 3, 4, 6, 9, 10, 12, 13, 15], [2, 3, 4, 6, 9, 10, 12, 14], [2, 3, 4, 6, 9, 10, 12, 14, 15], [2, 3, 4, 6, 9, 10, 13], [2, 3, 4, 6, 9, 10, 13, 14], [2, 3, 4, 6, 9, 10, 13, 14, 15], [2, 3, 4, 6, 9, 10, 13, 15], [2, 3, 4, 6, 9, 10, 14], [2, 3, 4, 6, 9, 10, 14, 15], [2, 3, 4, 6, 9, 10, 15], [2, 3, 4, 6, 9, 11], [2, 3, 4, 6, 9, 11, 12, 13], [2, 3, 4, 6, 9, 11, 12, 13, 14], [2, 3, 4, 6, 9, 11, 12, 13, 14, 15], [2, 3, 4, 6, 9, 11, 12, 13, 15], [2, 3, 4, 6, 9, 11, 12, 14], [2, 3, 4, 6, 9, 11, 12, 14, 15], [2, 3, 4, 6, 9, 11, 13], [2, 3, 4, 6, 9, 11, 13, 14, 15], [2, 3, 4, 6, 9, 11, 13, 15], [2, 3, 4, 6, 9, 11, 14], [2, 3, 4, 6, 9, 11, 14, 15], [2, 3, 4, 6, 9, 11, 15], [2, 3, 4, 6, 9, 12, 13], [2, 3, 4, 6, 9, 12, 13, 14], [2, 3, 4, 6, 9, 12, 13, 14, 15], [2, 3, 4, 6, 9, 12, 13, 15], [2, 3, 4, 6, 9, 12, 14], [2, 3, 4, 6, 9, 12, 14, 15], [2, 3, 4, 6, 9, 13], [2, 3, 4, 6, 9, 13, 14, 15], [2, 3, 4, 6, 9, 13, 15], [2, 3, 4, 6, 9, 14], [2, 3, 4, 6, 9, 14, 15], [2, 3, 4, 6, 9, 15], [2, 3, 4, 6, 10], [2, 3, 4, 6, 10, 11, 12, 13], [2, 3, 4, 6, 10, 11, 12, 13, 14], [2, 3, 4, 6, 10, 11, 12, 13, 14, 15], [2, 3, 4, 6, 10, 11, 12, 13, 15], [2, 3, 4, 6, 10, 11, 12, 14, 15], [2, 3, 4, 6, 10, 11, 13], [2, 3, 4, 6, 10, 11, 13, 15], [2, 3, 4, 6, 10, 11, 14, 15], [2, 3, 4, 6, 10, 11, 15], [2, 3, 4, 6, 10, 12, 13], [2, 3, 4, 6, 10, 12, 13, 14], [2, 3, 4, 6, 10, 12,

13, 14, 15], [2, 3, 4, 6, 10, 12, 13, 15], [2, 3, 4, 6, 10, 12, 14], [2, 3, 4, 6, 10, 13], [2, 3, 4, 6, 10, 13, 15], [2, 3, 4, 6, 10, 14], [2, 3, 4, 6, 10, 14, 15], [2, 3, 4, 6, 10, 15], [2, 3, 4, 6, 11, 12, 13], [2, 3, 4, 6, 11, 12, 13, 14], [2, 3, 4, 6, 11, 12, 13, 14, 15], [2, 3, 4, 6, 11, 12, 13, 15], [2, 3, 4, 6, 11, 12, 14], [2, 3, 4, 6, 11, 12, 14, 15], [2, 3, 4, 6, 11, 13], [2, 3, 4, 6, 11, 13, 15], [2, 3, 4, 6, 11, 14], [2, 3, 4, 6, 11, 14, 15], [2, 3, 4, 6, 11, 15], [2, 3, 4, 6, 12, 13], [2, 3, 4, 6, 12, 13, 14], [2, 3, 4, 6, 12, 13, 14, 15], [2, 3, 4, 6, 12, 13, 15], [2, 3, 4, 6, 12, 14], [2, 3, 4, 6, 12, 14, 15], [2, 3, 4, 6, 13], [2, 3, 4, 6, 13, 15], [2, 3, 4, 6, 14], [2, 3, 4, 6, 14, 15], [2, 3, 4, 6, 15], [2, 3, 4, 7, 8, 9, 10, 11, 12, 13], [2, 3, 4, 7, 8, 9, 10, 11, 12, 13, 14], [2, 3, 4, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 7, 8, 9, 10, 11, 12, 13, 15], [2, 3, 4, 7, 8, 9, 10, 11, 13], [2, 3, 4, 7, 8, 9, 10, 11, 13, 14], [2, 3, 4, 7, 8, 9, 10, 11, 13, 14, 15], [2, 3, 4, 7, 8, 9, 10, 11, 13, 15], [2, 3, 4, 7, 8, 9, 10, 11, 14], [2, 3, 4, 7, 8, 9, 10, 11, 14, 15], [2, 3, 4, 7, 8, 9, 10, 12, 13], [2, 3, 4, 7, 8, 9, 10, 12, 13, 14], [2, 3, 4, 7, 8, 9, 10, 12, 13, 14, 15], [2, 3, 4, 7, 8, 9, 10, 12, 13, 15], [2, 3, 4, 7, 8, 9, 10, 13], [2, 3, 4, 7, 8, 9, 10, 13, 14], [2, 3, 4, 7, 8, 9, 10, 13, 14, 15], [2, 3, 4, 7, 8, 9, 10, 13, 15], [2, 3, 4, 7, 8, 9, 10, 14], [2, 3, 4, 7, 8, 9, 10, 14, 15], [2, 3, 4, 7, 8, 9, 11, 12, 13], [2, 3, 4, 7, 8, 9, 11, 12, 13, 14], [2, 3, 4, 7, 8, 9, 11, 12, 13, 14, 15], [2, 3, 4, 7, 8, 9, 11, 12, 13, 15], [2, 3, 4, 7, 8, 9, 11, 12, 14, 15], [2, 3, 4, 7, 8, 9, 11, 13, 14], [2, 3, 4, 7, 8, 9, 11, 13, 14, 15], [2, 3, 4, 7, 8, 9, 11, 13, 15], [2, 3, 4, 7, 8, 9, 11, 14], [2, 3, 4, 7, 8, 9, 11, 14, 15], [2, 3, 4, 7, 8, 9, 12, 13], [2, 3, 4, 7, 8, 9, 12, 13, 14], [2, 3, 4, 7, 8, 9, 12, 13, 14, 15], [2, 3, 4, 7, 8, 9, 12, 13, 15], [2, 3, 4, 7, 8, 9, 13, 14], [2, 3, 4, 7, 8, 9, 13, 14, 15], [2, 3, 4, 7, 8, 9, 14], [2, 3, 4, 7, 8, 9, 14, 15], [2, 3, 4, 7, 8, 10, 11, 12, 13], [2, 3, 4, 7, 8, 10, 11, 12, 13, 14], [2, 3, 4, 7, 8, 10, 11, 12, 13, 14, 15], [2, 3, 4, 7, 8, 10, 11, 12, 13, 15], [2, 3, 4, 7, 8, 10, 11, 12, 14], [2, 3, 4, 7, 8, 10, 11, 12, 14, 15], [2, 3, 4, 7, 8, 10, 11, 13], [2, 3, 4, 7, 8, 10, 11, 13, 14], [2, 3, 4, 7, 8, 10, 11, 13, 14, 15], [2, 3, 4, 7, 8, 10, 11, 13, 15], [2, 3, 4, 7, 8, 10, 11, 14], [2, 3, 4, 7, 8, 10, 11, 14, 15], [2, 3, 4, 7, 8, 10, 12, 13], [2, 3, 4, 7, 8, 10, 12, 13, 14], [2, 3, 4, 7, 8, 10, 12, 13, 14, 15], [2, 3, 4, 7, 8, 10, 12, 13, 15], [2, 3, 4, 7, 8, 10, 13], [2, 3, 4, 7, 8, 10, 13, 14], [2, 3, 4, 7, 8, 10, 13, 14, 15], [2, 3, 4, 7, 8, 10, 13, 15], [2, 3, 4, 7, 8, 10, 14], [2, 3, 4, 7, 8, 10, 14, 15], [2, 3, 4, 7, 8, 11, 12, 13], [2, 3, 4, 7, 8, 11, 12, 13, 14], [2, 3, 4, 7, 8, 11, 12, 13, 14, 15], [2, 3, 4, 7, 8, 11, 12, 13, 15], [2, 3, 4, 7, 8, 11, 12, 14], [2, 3, 4, 7, 8, 11, 12, 14, 15], [2, 3, 4, 7, 8, 11, 13], [2, 3, 4, 7, 8, 11, 13, 14], [2, 3, 4, 7, 8, 11, 13, 14, 15], [2, 3, 4, 7, 8, 11, 13, 15], [2, 3, 4, 7, 8, 11, 14], [2, 3, 4, 7, 8, 11, 14, 15], [2, 3, 4, 7, 8, 12, 13], [2, 3, 4, 7, 8, 12, 13, 14], [2, 3, 4, 7, 8, 12, 13, 14, 15], [2, 3, 4, 7, 8, 12, 13, 15], [2, 3, 4, 7, 8, 12, 14, 15], [2, 3, 4, 7, 8, 13], [2, 3, 4, 7, 8, 13, 14], [2, 3, 4, 7, 8, 13, 14, 15], [2, 3, 4, 7, 8, 13, 15], [2, 3, 4, 7, 8, 14], [2, 3, 4, 7, 8, 14, 15], [2, 3, 4, 7, 9, 10, 11, 12, 13], [2, 3, 4, 7, 9, 10, 11, 12, 13, 14], [2, 3, 4, 7, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 7, 9, 10, 11, 12, 13, 15], [2, 3, 4, 7, 9, 10, 11, 13], [2, 3, 4, 7, 9, 10, 11, 13, 14], [2, 3, 4, 7, 9, 10, 11, 13, 14, 15], [2, 3, 4, 7, 9, 10, 11, 13, 15], [2, 3, 4, 7, 9, 10, 11, 14], [2, 3, 4, 7, 9, 10, 11, 14, 15], [2, 3, 4, 7, 9, 10, 12, 13, 14] , [2, 3, 4, 7, 9, 10, 12, 13, 14, 15], [2, 3, 4, 7, 9, 10, 12, 13, 15], [2, 3, 4, 7, 9, 10, 13], [2, 3, 4, 7, 9, 10, 13, 14], [2, 3, 4, 7, 9, 10, 13, 14, 15], [2, 3, 4, 7, 9, 10, 13, 15], [2, 3, 4, 7, 9, 10, 14], [2, 3, 4, 7, 9, 10, 14, 15], [2, 3, 4, 7, 9, 11, 12, 13], [2, 3, 4, 7, 9, 11, 12, 13, 14], [2, 3, 4, 7, 9, 11, 12, 13, 14, 15], [2, 3, 4, 7, 9, 11, 12, 13, 15], [2, 3, 4, 7, 9, 11, 13, 14], [2, 3, 4, 7, 9, 11, 13, 14, 15], [2, 3, 4, 7, 9, 11, 13, 15], [2, 3, 4, 7, 9, 11, 14], [2, 3, 4, 7, 9, 11, 14, 15], [2, 3, 4, 7, 9, 12, 13, 14], [2, 3, 4, 7, 9, 12, 13, 14, 15], [2, 3, 4, 7, 9, 12, 13, 15], [2, 3, 4, 7, 9, 13, 14], [2, 3, 4, 7, 9, 13, 14, 15], [2, 3, 4, 7, 9, 13, 15], [2, 3, 4, 7, 9, 14], [2, 3, 4, 7, 9, 14, 15], [2, 3, 4, 7, 10, 11, 12, 13], [2, 3, 4, 7, 10, 11, 12, 13, 14], [2, 3, 4, 7, 10, 11, 12, 13, 14, 15], [2, 3, 4, 7, 10, 11, 12, 13, 15], [

2, 3, 4, 7, 10, 11, 13], [2, 3, 4, 7, 10, 11, 13, 14], [2, 3, 4, 7, 10, 11, 13, 14, 15], [2, 3, 4, 7, 10, 11, 13, 15], [2, 3, 4, 7, 10, 11, 14], [2, 3, 4, 7, 10, 11, 14, 15], [2, 3, 4, 7, 10, 12, 13], [2, 3, 4, 7, 10, 12, 13, 14], [2, 3, 4, 7, 10, 12, 13, 14, 15], [2, 3, 4, 7, 10, 12, 13, 15], [2, 3, 4, 7, 10, 13], [2, 3, 4, 7, 10, 13, 14], [2, 3, 4, 7, 10, 13, 14, 15], [2, 3, 4, 7, 10, 13, 15], [2, 3, 4, 7, 10, 14], [2, 3, 4, 7, 10, 14, 15], [2, 3, 4, 7, 11, 12, 13], [2, 3, 4, 7, 11, 12, 13, 14], [2, 3, 4, 7, 11, 12, 13, 14, 15], [2, 3, 4, 7, 11, 12, 13, 15], [2, 3, 4, 7, 11, 12, 14, 15], [2, 3, 4, 7, 11, 13], [2, 3, 4, 7, 11, 13, 14], [2, 3, 4, 7, 11, 13, 14, 15], [2, 3, 4, 7, 11, 13, 15], [2, 3, 4, 7, 11, 14], [2, 3, 4, 7, 11, 14, 15], [2, 3, 4, 7, 12, 13], [2, 3, 4, 7, 12, 13, 14], [2, 3, 4, 7, 12, 13, 14, 15], [2, 3, 4, 7, 12, 13, 15], [2, 3, 4, 7, 13], [2, 3, 4, 7, 13, 14], [2, 3, 4, 7, 13, 14, 15], [2, 3, 4, 7, 13, 15], [2, 3, 4, 7, 14], [2, 3, 4, 7, 14, 15], [2, 3, 4, 8, 9], [2, 3, 4, 8, 9, 10], [2, 3, 4, 8, 9, 10, 11], [2, 3, 4, 8, 9, 10, 11, 12, 13], [2, 3, 4, 8, 9, 10, 11, 12, 13, 14], [2, 3, 4, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 8, 9, 10, 11, 12, 13, 15], [2, 3, 4, 8, 9, 10, 11, 12, 14], [2, 3, 4, 8, 9, 10, 11, 12, 14, 15], [2, 3, 4, 8, 9, 10, 11, 13], [2, 3, 4, 8, 9, 10, 11, 13, 14, 15] , [2, 3, 4, 8, 9, 10, 11, 13, 15], [2, 3, 4, 8, 9, 10, 11, 14], [2, 3, 4, 8, 9, 10, 11, 14, 15], [2, 3, 4, 8, 9, 10, 11, 15], [2, 3, 4, 8, 9, 10, 12, 13], [2, 3, 4, 8, 9, 10, 12, 13, 14], [2, 3, 4, 8, 9, 10, 12, 13, 14, 15], [2, 3, 4, 8, 9, 10, 12, 13, 15], [2, 3, 4, 8, 9, 10, 12, 14], [2, 3, 4, 8, 9, 10, 12, 14, 15], [2, 3, 4, 8, 9, 10, 13], [2, 3, 4, 8, 9, 10, 13, 14, 15], [2, 3, 4, 8, 9, 10, 13, 15], [2, 3, 4, 8, 9, 10, 14], [2, 3, 4, 8, 9, 10, 14, 15], [2, 3, 4, 8, 9, 10, 15], [2, 3, 4, 8, 9, 11], [2, 3, 4, 8, 9, 11, 12, 13], [2, 3, 4, 8, 9, 11, 12, 13, 14], [2, 3, 4, 8, 9, 11, 12, 13, 14, 15], [2, 3, 4, 8, 9, 11, 12, 13, 15], [2, 3, 4, 8, 9, 11, 12, 14], [2, 3, 4, 8, 9, 11, 12, 14, 15], [2, 3, 4, 8, 9, 11, 13, 15], [2, 3, 4, 8, 9, 11, 14], [2, 3, 4, 8, 9, 11, 14, 15], [2, 3, 4, 8, 9, 11, 15], [2, 3, 4, 8, 9, 12, 13], [2, 3, 4, 8, 9, 12, 13, 14], [2, 3, 4, 8, 9, 12, 13, 14, 15], [2, 3, 4, 8, 9, 12, 13, 15], [2, 3, 4, 8, 9, 12, 14], [2, 3, 4, 8, 9, 12, 14, 15], [2, 3, 4, 8, 9, 13, 15], [2, 3, 4, 8, 9, 14], [2, 3, 4, 8, 9, 14, 15], [2, 3, 4, 8, 9, 15], [2, 3, 4, 8, 10], [2, 3, 4, 8, 10, 11], [2, 3, 4, 8, 10, 11, 12, 13], [2, 3, 4, 8, 10, 11, 12, 13, 14], [2, 3, 4, 8, 10, 11, 12, 13, 14, 15], [2, 3, 4, 8, 10, 11, 12, 13, 15], [2, 3, 4, 8, 10, 11, 12, 14], [2, 3, 4, 8, 10, 11, 12, 14, 15], [2, 3, 4, 8, 10, 11, 13], [2, 3, 4, 8, 10, 11, 13, 15], [2, 3, 4, 8, 10, 11, 14], [2, 3, 4, 8, 10, 11, 14, 15], [2, 3, 4, 8, 10, 11, 15], [2, 3, 4, 8, 10, 12, 13], [2, 3, 4, 8, 10, 12, 13, 14], [2, 3, 4, 8, 10, 12, 13, 14, 15], [2, 3, 4, 8, 10, 12, 13, 15], [2, 3, 4, 8, 10, 12, 14], [2, 3, 4, 8, 10, 12, 14, 15], [2, 3, 4, 8, 10, 13], [2, 3, 4, 8, 10, 13, 15], [2, 3, 4, 8, 10, 14], [2, 3, 4, 8, 10, 14, 15], [2, 3, 4, 8, 10, 15], [2, 3, 4, 8, 11, 12, 13], [2, 3, 4, 8, 11, 12, 13, 14], [2, 3, 4, 8, 11, 12, 13, 14, 15], [2, 3, 4, 8, 11, 12, 13, 15], [2, 3, 4, 8, 11, 12, 14], [2, 3, 4, 8, 11, 12, 14, 15], [2, 3, 4, 8, 11, 13, 15], [2, 3, 4, 8, 11, 14], [2, 3, 4, 8, 11, 14, 15], [2, 3, 4, 8, 11, 15], [2, 3, 4, 8, 12, 13], [2, 3, 4, 8, 12, 13, 14], [2, 3, 4, 8, 12, 13, 14, 15], [2, 3, 4, 8, 12, 13, 15], [2, 3, 4, 8, 12, 14], [2, 3, 4, 8, 12, 14, 15], [2, 3, 4, 8, 13, 15], [2, 3, 4, 8, 14], [2, 3, 4, 8, 14, 15], [2, 3, 4, 8, 15], [2, 3, 4, 9, 10, 11], [2, 3, 4, 9, 10, 11, 12, 13], [2, 3, 4, 9, 10, 11, 12, 13, 14], [2, 3, 4, 9, 10, 11, 12, 13, 14, 15], [2, 3, 4, 9, 10, 11, 12, 13, 15], [2, 3, 4, 9, 10, 11, 12, 14], [2, 3, 4, 9, 10, 11, 12, 14, 15], [2, 3, 4, 9, 10, 11, 13], [2, 3, 4, 9, 10, 11, 13, 14, 15], [2, 3, 4, 9, 10, 11, 13, 15], [2, 3, 4, 9, 10, 11, 14], [2, 3, 4, 9, 10, 11, 14, 15], [2, 3, 4, 9, 10, 11, 15], [2, 3, 4, 9, 10, 12, 13], [2, 3, 4, 9, 10, 12, 13, 14], [2, 3, 4, 9, 10, 12, 13, 14, 15], [2, 3, 4, 9, 10, 12, 13, 15], [2, 3, 4, 9, 10, 12, 14], [2, 3, 4, 9, 10, 12, 14, 15], [2, 3, 4, 9, 10, 13], [2, 3, 4, 9, 10, 13, 14, 15], [2, 3, 4, 9, 10, 13, 15], [2, 3, 4, 9, 10, 14], [2, 3, 4, 9, 10, 14, 15], [2, 3, 4, 9, 10, 15], [2, 3, 4, 9, 11], [2, 3, 4, 9, 11, 12, 13], [2, 3, 4, 9, 11, 12, 13, 14], [2, 3, 4, 9, 11, 12, 13, 14, 15], [2, 3, 4, 9, 11, 12, 13, 15], [2, 3, 4, 9, 11, 12, 14], [2, 3, 4, 9, 11, 12, 14, 15], [2, 3, 4, 9, 11, 13, 15], [2, 3, 4, 9, 11, 14], [2, 3, 4, 9, 11, 14, 15], [2, 3, 4, 9, 11, 15], [2, 3, 4, 9, 12, 13], [2, 3, 4, 9, 12, 13, 14

], [2, 3, 4, 9, 12, 13, 14, 15], [2, 3, 4, 9, 12, 13, 15], [2, 3, 4, 9, 12, 14], [2, 3, 4, 9, 12, 14, 15], [2, 3, 4, 9, 13, 15], [2, 3, 4, 9, 14], [2, 3, 4, 9, 14, 15], [2, 3, 4, 9, 15], [2, 3, 4, 10], [2, 3, 4, 10, 11, 12, 13], [2, 3, 4, 10, 11, 12, 13, 14], [2, 3, 4, 10, 11, 12, 13, 14, 15] , [2, 3, 4, 10, 11, 12, 13, 15], [2, 3, 4, 10, 11, 12, 14], [2, 3, 4, 10, 11, 12, 14, 15], [2, 3, 4, 10, 11, 13], [2, 3, 4, 10, 11, 13, 15], [2, 3, 4, 10, 11, 14], [2, 3, 4, 10, 11, 14, 15], [2, 3, 4, 10, 11, 15], [2, 3, 4, 10, 12, 13], [2, 3, 4, 10, 12, 13, 14], [2, 3, 4, 10, 12, 13, 14, 15], [2, 3, 4, 10, 12, 13, 15], [2, 3, 4, 10, 12, 14], [2, 3, 4, 10, 13], [2, 3, 4, 10, 13, 15], [2, 3, 4, 10, 14], [2, 3, 4, 10, 14, 15], [2, 3, 4, 10, 15], [2, 3, 4, 11, 12, 13], [2, 3, 4, 11, 12, 13, 14], [2, 3, 4, 11, 12, 13, 14, 15], [2, 3, 4, 11, 12, 13, 15], [2, 3, 4, 11, 12, 14], [2, 3, 4, 11, 12, 14, 15], [2, 3, 4, 11, 13, 15], [2, 3, 4, 11, 14], [2, 3, 4, 11, 14, 15], [2, 3, 4, 11, 15], [2, 3, 4, 12, 13], [2, 3, 4, 12, 13, 14], [2, 3, 4, 12, 13, 14, 15], [2, 3, 4, 12, 13, 15], [2, 3, 4, 12, 14], [2, 3, 4, 12, 14, 15], [2, 3, 4, 13, 15], [2, 3, 4, 14], [2, 3, 4, 14, 15], [2, 3, 4, 15], [2, 3, 5, 6, 7], [2, 3, 5, 6, 7, 8], [2, 3, 5, 6, 7, 8, 9], [2, 3, 5, 6, 7, 8, 9, 10], [2, 3, 5, 6, 7, 8, 9, 10, 11], [2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13], [2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14], [2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15], [2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 14], [2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15], [2, 3, 5, 6, 7, 8, 9, 10, 11, 13], [2, 3, 5, 6, 7, 8, 9, 10, 11, 13, 14], [2, 3, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15], [2, 3, 5, 6, 7, 8, 9, 10, 11, 13, 15], [2, 3, 5, 6, 7, 8, 9, 10, 11, 14], [2, 3, 5, 6, 7, 8, 9, 10, 11, 14, 15], [2, 3, 5, 6, 7, 8, 9, 10, 11, 15], [2, 3, 5, 6, 7, 8, 9, 10, 12, 13], [2, 3, 5, 6, 7, 8, 9, 10, 12, 13, 14], [2, 3, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15], [2, 3, 5, 6, 7, 8, 9, 10, 12, 13, 15], [2, 3, 5, 6, 7, 8, 9, 10, 12, 14], [2, 3, 5, 6, 7, 8, 9, 10, 12, 14, 15], [2, 3, 5, 6, 7, 8, 9, 10, 13], [2, 3, 5, 6, 7, 8, 9, 10, 13, 14] , [2, 3, 5, 6, 7, 8, 9, 10, 13, 14, 15], [2, 3, 5, 6, 7, 8, 9, 10, 13, 15], [2, 3, 5, 6, 7, 8, 9, 10, 14], [2, 3, 5, 6, 7, 8, 9, 10, 14, 15] , [2, 3, 5, 6, 7, 8, 9, 10, 15], [2, 3, 5, 6, 7, 8, 9, 11], [2, 3, 5, 6, 7, 8, 9, 11, 12, 13], [2, 3, 5, 6, 7, 8, 9, 11, 12, 13, 14], [2, 3, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15], [2, 3, 5, 6, 7, 8, 9, 11, 12, 13, 15], [2, 3, 5, 6, 7, 8, 9, 11, 12, 14], [2, 3, 5, 6, 7, 8, 9, 11, 12, 14, 15], [2, 3, 5, 6, 7, 8, 9, 11, 13], [2, 3, 5, 6, 7, 8, 9, 11, 13, 14] , [2, 3, 5, 6, 7, 8, 9, 11, 13, 14, 15], [2, 3, 5, 6, 7, 8, 9, 11, 13, 15], [2, 3, 5, 6, 7, 8, 9, 11, 14], [2, 3, 5, 6, 7, 8, 9, 11, 14, 15] , [2, 3, 5, 6, 7, 8, 9, 11, 15], [2, 3, 5, 6, 7, 8, 9, 12, 13], [2, 3, 5, 6, 7, 8, 9, 12, 13, 14] , [2, 3, 5, 6, 7, 8, 9, 12, 13, 14, 15], [2, 3, 5, 6, 7, 8, 9, 12, 13, 15], [2, 3, 5, 6, 7, 8, 9, 12, 14], [2, 3, 5, 6, 7, 8, 9, 12, 14, 15] , [2, 3, 5, 6, 7, 8, 9, 13, 14], [2, 3, 5, 6, 7, 8, 9, 13, 14, 15], [2, 3, 5, 6, 7, 8, 9, 13, 15], [2, 3, 5, 6, 7, 8, 9, 14], [2, 3, 5, 6, 7, 8, 9, 14, 15], [2, 3, 5, 6, 7, 8, 9, 15], [2, 3, 5, 6, 7, 8, 10], [2, 3, 5, 6, 7, 8, 10, 11], [2, 3, 5, 6, 7, 8, 10, 11, 12, 13], [2, 3, 5, 6, 7, 8, 10, 11, 12, 13, 14], [2, 3, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15], [2, 3, 5, 6, 7, 8, 10, 11, 12, 13, 15], [2, 3, 5, 6, 7, 8, 10, 11, 12, 14], [2, 3, 5, 6, 7, 8, 10, 11, 12, 14, 15], [2, 3, 5, 6, 7, 8, 10, 11, 13], [2, 3, 5, 6, 7, 8, 10, 11, 13, 14, 15], [2, 3, 5, 6, 7, 8, 10, 11, 13, 15], [2, 3, 5, 6, 7, 8, 10, 11, 14], [2, 3, 5, 6, 7, 8, 10, 11, 14, 15], [2, 3, 5, 6, 7, 8, 10, 11, 15], [2, 3, 5, 6, 7, 8, 10, 12, 13], [2, 3, 5, 6, 7, 8, 10, 12, 13, 14], [2, 3, 5, 6, 7, 8, 10, 12, 13, 14, 15], [2, 3, 5, 6, 7, 8, 10, 12, 13, 15], [2, 3, 5, 6, 7, 8, 10, 12, 14], [2, 3, 5, 6, 7, 8, 10, 12, 14, 15], [2, 3, 5, 6, 7, 8, 10, 13], [2, 3, 5, 6, 7, 8, 10, 13, 14, 15], [2, 3, 5, 6, 7, 8, 10, 13, 15], [2, 3, 5, 6, 7, 8, 10, 14], [2, 3, 5, 6, 7, 8, 10, 14, 15], [2, 3, 5, 6, 7, 8, 10, 15], [2, 3, 5, 6, 7, 8, 11], [2, 3, 5, 6, 7, 8, 11, 12, 13], [2, 3, 5, 6, 7, 8, 11, 12, 13, 14], [2, 3, 5, 6, 7, 8, 11, 12, 13, 14, 15], [2, 3, 5, 6, 7, 8, 11, 12, 13, 15], [2, 3, 5, 6, 7, 8, 11, 12, 14], [2, 3, 5, 6, 7, 8, 11, 12, 14, 15], [2, 3, 5, 6, 7, 8, 11, 13], [2, 3, 5, 6, 7, 8, 11, 13, 15], [2, 3, 5, 6, 7, 8, 11, 14], [2, 3, 5, 6, 7, 8, 11, 14, 15], [2, 3, 5, 6, 7, 8, 11, 15], [2, 3, 5, 6, 7, 8, 12, 13], [2, 3, 5, 6, 7, 8, 12, 13, 14], [2, 3, 5, 6, 7, 8, 12, 13, 14, 15], [2, 3, 5, 6, 7, 8, 12, 13, 15], [2, 3, 5, 6, 7, 8, 12, 14], [2, 3, 5, 6, 7, 8, 12, 14, 15], [2, 3, 5, 6, 7, 8, 13], [2, 3, 5, 6, 7, 8, 13, 15], [2, 3, 5, 6, 7, 8, 14], [2, 3, 5, 6, 7, 8, 14, 15], [2, 3, 5, 6, 7, 8, 15], [2, 3, 5, 6, 7, 9], [2, 3, 5, 6, 7, 9, 10, 11], [2, 3, 5, 6, 7, 9, 10, 11, 12, 13], [2, 3, 5, 6, 7, 9, 10, 11, 12, 13, 14], [2, 3, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15], [2, 3, 5, 6, 7, 9, 10, 11, 12, 13, 15], [2, 3, 5, 6, 7, 9, 10, 11, 12, 14], [2, 3, 5, 6, 7, 9, 10, 11, 12, 14, 15], [2, 3, 5, 6, 7, 9, 10, 11, 13], [2, 3, 5, 6, 7, 9, 10, 11, 13, 14], [2, 3, 5, 6, 7, 9, 10, 11, 13, 14, 15], [2, 3, 5, 6, 7, 9, 10, 11, 13, 15], [2, 3, 5, 6, 7, 9, 10, 11, 14], [2, 3, 5, 6, 7, 9, 10, 11, 14, 15], [2, 3, 5, 6, 7, 9, 10, 11, 15], [2, 3, 5, 6, 7, 9, 10, 12, 13], [2, 3, 5, 6, 7, 9, 10, 12, 13, 14], [2, 3, 5, 6, 7, 9, 10, 12, 13, 14, 15], [2, 3, 5, 6, 7, 9, 10, 12, 13, 15], [2, 3, 5, 6, 7, 9, 10, 12, 14], [2, 3, 5, 6, 7, 9, 10, 12, 14, 15], [2, 3, 5, 6, 7, 9, 10, 13], [2, 3, 5, 6, 7, 9, 10, 13, 14], [2, 3, 5, 6, 7, 9, 10, 13, 14, 15], [2, 3, 5, 6, 7, 9, 10, 13, 15], [2, 3, 5, 6, 7, 9, 10, 14], [2, 3, 5, 6, 7, 9, 10, 14, 15], [2, 3, 5, 6, 7, 9, 10, 15], [2, 3, 5, 6, 7, 9, 11], [2, 3, 5, 6, 7, 9, 11, 12, 13], [2, 3, 5, 6, 7, 9, 11, 12, 13, 14], [2, 3, 5, 6, 7, 9, 11, 12, 13, 14, 15], [2, 3, 5, 6, 7, 9, 11, 12, 13, 15], [2, 3, 5, 6, 7, 9, 11, 12, 14], [2, 3, 5, 6, 7, 9, 11, 12, 14, 15], [2, 3, 5, 6, 7, 9, 11, 13], [2, 3, 5, 6, 7, 9, 11, 13, 14], [2, 3, 5, 6, 7, 9, 11, 13, 14, 15], [2, 3, 5, 6, 7, 9, 11, 13, 15], [2, 3, 5, 6, 7, 9, 11, 14], [2, 3, 5, 6, 7, 9, 11, 14, 15], [2, 3, 5, 6, 7, 9, 11, 15], [2, 3, 5, 6, 7, 9, 12, 13], [2, 3, 5, 6, 7, 9, 12, 13, 14], [2, 3, 5, 6, 7, 9, 12, 13, 14, 15], [2, 3, 5, 6, 7, 9, 12, 13, 15], [2, 3, 5, 6, 7, 9, 12, 14], [2, 3, 5, 6, 7, 9, 12, 14, 15], [2, 3, 5, 6, 7, 9, 13], [2, 3, 5, 6, 7, 9, 13, 14], [2, 3, 5, 6, 7, 9, 13, 14, 15], [2, 3, 5, 6, 7, 9, 13, 15], [2, 3, 5, 6, 7, 9, 14], [2, 3, 5, 6, 7, 9, 14, 15], [2, 3, 5, 6, 7, 9, 15], [2, 3, 5, 6, 7, 10], [2, 3, 5, 6, 7, 10, 11, 12, 13], [2, 3, 5, 6, 7, 10, 11, 12, 13, 14], [2, 3, 5, 6, 7, 10, 11, 12, 13, 14, 15], [2, 3, 5, 6, 7, 10, 11, 12, 13, 15], [2, 3, 5, 6, 7, 10, 11, 12, 14], [2, 3, 5, 6, 7, 10, 11, 12, 14, 15], [2, 3, 5, 6, 7, 10, 11, 13], [2, 3, 5, 6, 7, 10, 11, 13, 14, 15] , [2, 3, 5, 6, 7, 10, 11, 13, 15], [2, 3, 5, 6, 7, 10, 11, 14], [2, 3, 5, 6, 7, 10, 11, 14, 15], [2, 3, 5, 6, 7, 10, 11, 15], [2, 3, 5, 6, 7, 10, 12, 13], [2, 3, 5, 6, 7, 10, 12, 13, 14], [2, 3, 5, 6, 7, 10, 12, 13, 14, 15], [2, 3, 5, 6, 7, 10, 12, 13, 15], [2, 3, 5, 6, 7, 10, 12, 14], [2, 3, 5, 6, 7, 10, 12, 14, 15], [2, 3, 5, 6, 7, 10, 13], [2, 3, 5, 6, 7, 10, 13, 14, 15], [2, 3, 5, 6, 7, 10, 13, 15], [2, 3, 5, 6, 7, 10, 14], [2, 3, 5, 6, 7, 10, 14, 15], [2, 3, 5, 6, 7, 10, 15], [2, 3, 5, 6, 7, 11, 12, 13], [2, 3, 5, 6, 7, 11, 12, 13, 14], [2, 3, 5, 6, 7, 11, 12, 13, 14, 15], [2, 3, 5, 6, 7, 11, 12, 13, 15], [2, 3, 5, 6, 7, 11, 12, 14], [2, 3, 5, 6, 7, 11, 12, 14, 15], [2, 3, 5, 6, 7, 11, 13], [2, 3, 5, 6, 7, 11, 13, 15], [2, 3, 5, 6, 7, 11, 14], [2, 3, 5, 6, 7, 11, 14, 15], [2, 3, 5, 6, 7, 11, 15], [2, 3, 5, 6, 7, 12, 13], [2, 3, 5, 6, 7, 12, 13, 14], [2, 3, 5, 6, 7, 12, 13, 14, 15], [2, 3, 5, 6, 7, 12, 13, 15], [2, 3, 5, 6, 7, 12, 14], [2, 3, 5, 6, 7, 12, 14, 15], [2, 3, 5, 6, 7, 13], [2, 3, 5, 6, 7, 13, 15], [2, 3, 5, 6, 7, 14], [2, 3, 5, 6, 7, 14, 15], [2, 3, 5, 6, 7, 15], [2, 3, 5, 6, 8], [2, 3, 5, 6, 8, 9], [2, 3, 5, 6, 8, 9, 10], [2, 3, 5, 6, 8, 9, 10, 11], [2, 3, 5, 6, 8, 9, 10, 11, 12], [2, 3, 5, 6, 8, 9, 10, 11, 12, 13], [2, 3, 5, 6, 8, 9, 10, 11, 12, 13, 14], [2, 3, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 5, 6, 8, 9, 10, 11, 12, 13, 15], [2, 3, 5, 6, 8, 9, 10, 11, 12, 14], [2, 3, 5, 6, 8, 9, 10, 11, 12, 14, 15], [2, 3, 5, 6, 8, 9, 10, 11, 12, 15], [2, 3, 5, 6, 8, 9, 10, 11, 13, 15], [2, 3, 5, 6, 8, 9, 10, 11, 14], [2, 3, 5, 6, 8, 9, 10, 11, 14, 15], [2, 3, 5, 6, 8, 9, 10, 11, 15], [2, 3, 5, 6, 8, 9, 10, 12], [2, 3, 5, 6, 8, 9, 10, 12, 13], [2, 3, 5, 6, 8, 9, 10, 12, 13, 14], [2, 3, 5, 6, 8, 9, 10, 12, 13, 14, 15], [2, 3, 5, 6, 8, 9, 10, 12, 13, 15], [2, 3, 5, 6, 8, 9, 10, 12, 14], [2, 3, 5, 6, 8, 9, 10, 12, 14, 15], [2, 3, 5, 6, 8, 9, 10, 12, 15], [2, 3, 5, 6, 8, 9, 10, 13, 15], [2, 3, 5, 6, 8, 9, 10, 14], [2, 3, 5, 6, 8, 9, 10, 14, 15], [2, 3, 5, 6, 8, 9, 10, 15], [2, 3, 5, 6, 8, 9, 11], [2, 3, 5, 6, 8, 9, 11, 12], [2, 3, 5, 6, 8, 9, 11, 12, 13], [2, 3, 5, 6, 8, 9, 11, 12, 13, 14], [2, 3, 5, 6, 8, 9, 11, 12, 13, 14, 15], [2, 3, 5, 6, 8, 9, 11, 12, 13, 15], [2, 3, 5, 6, 8, 9, 11, 12, 14], [2, 3, 5, 6, 8, 9, 11, 12, 14, 15], [2, 3, 5, 6, 8, 9, 11, 12, 15], [2, 3, 5, 6, 8, 9, 11, 14], [2, 3, 5, 6, 8, 9, 11, 14, 15], [2, 3, 5, 6, 8, 9, 11, 15], [2, 3, 5, 6, 8, 9, 12], [2, 3, 5, 6, 8, 9, 12, 13], [2, 3, 5, 6, 8, 9, 12, 13, 14], [2, 3, 5, 6, 8, 9, 12, 13, 14, 15], [2, 3, 5, 6, 8, 9, 12, 13, 15], [2, 3, 5, 6, 8, 9, 12, 14], [2, 3, 5, 6, 8, 9, 12, 14, 15], [2, 3, 5, 6, 8, 9, 12, 15], [2, 3, 5, 6, 8, 9, 14], [2, 3, 5, 6, 8, 9, 14, 15], [2, 3, 5, 6, 8, 9, 15], [2, 3, 5, 6, 8, 10], [2, 3, 5, 6, 8, 10, 11, 12], [2, 3, 5, 6, 8, 10, 11, 12, 13], [2, 3, 5, 6, 8, 10, 11, 12, 13, 14, 15], [2, 3, 5, 6, 8, 10, 11, 12, 13, 15], [2, 3, 5, 6, 8, 10, 11, 12, 14], [2, 3, 5, 6, 8, 10, 11, 12, 14, 15], [2, 3, 5, 6, 8, 10, 11, 12, 15], [2, 3, 5, 6, 8, 10, 11, 14], [2, 3, 5, 6, 8, 10, 11, 14, 15], [2, 3, 5, 6, 8, 10, 11, 15], [2, 3, 5, 6, 8, 10, 12], [2, 3, 5, 6, 8, 10, 12, 13], [2, 3, 5, 6, 8, 10, 12, 13, 14, 15], [2, 3, 5, 6, 8, 10, 12, 13, 15], [2, 3, 5, 6, 8, 10, 12, 14], [2, 3, 5, 6, 8, 10, 12, 14, 15], [2, 3, 5, 6, 8, 10, 12, 15], [2, 3, 5, 6, 8, 10, 14], [2, 3, 5, 6, 8, 10, 14, 15], [2, 3, 5, 6, 8, 10, 15], [2, 3, 5, 6, 8, 11], [2, 3, 5, 6, 8, 11, 12], [2, 3, 5, 6, 8, 11, 12, 13], [2, 3, 5, 6, 8, 11, 12, 13, 15], [2, 3, 5, 6, 8, 11, 12, 14], [2, 3, 5, 6, 8, 11, 12, 14, 15], [2, 3, 5, 6, 8, 11, 12, 15], [2, 3, 5, 6, 8, 11, 14, 15], [2, 3, 5, 6, 8, 11, 15], [2, 3, 5, 6, 8, 12], [2, 3, 5, 6, 8, 12, 13], [2, 3, 5, 6, 8, 12, 13, 15], [2, 3, 5, 6, 8, 12, 14], [2, 3, 5, 6, 8, 12, 14, 15], [2, 3, 5, 6, 8, 12, 15], [2, 3, 5, 6, 8, 14, 15], [2, 3, 5, 6, 8, 15], [2, 3, 5, 6, 9], [2, 3, 5, 6, 9, 10], [2, 3, 5, 6, 9, 10, 11, 12, 13], [2, 3, 5, 6, 9, 10, 11, 12, 13, 14], [2, 3, 5, 6, 9, 10, 11, 12, 13, 14, 15], [2, 3, 5, 6, 9, 10, 11, 12, 13, 15], [2, 3, 5, 6, 9, 10, 11, 12, 14, 15], [2, 3, 5, 6, 9, 10, 11, 12, 15], [2, 3, 5, 6, 9, 10, 11, 13, 15] , [2, 3, 5, 6, 9, 10, 11, 14, 15], [2, 3, 5, 6, 9, 10, 11, 15], [2, 3, 5, 6, 9, 10, 12, 13], [2, 3, 5, 6, 9, 10, 12, 13, 14], [2, 3, 5, 6, 9, 10, 12, 13, 14, 15], [2, 3, 5, 6, 9, 10, 12, 13, 15], [2, 3, 5, 6, 9, 10, 12, 14], [2, 3, 5, 6, 9, 10, 12, 14, 15], [2, 3, 5, 6, 9, 10, 12, 15], [2, 3, 5, 6, 9, 10, 13, 15], [2, 3, 5, 6, 9, 10, 14], [2, 3, 5, 6, 9, 10, 14, 15], [2, 3, 5, 6, 9, 10, 15], [2, 3, 5, 6, 9, 11, 12, 13], [2, 3, 5, 6, 9, 11, 12, 13, 14], [2, 3, 5, 6, 9, 11, 12, 13, 14, 15], [2, 3, 5, 6, 9, 11, 12, 13, 15], [2, 3, 5, 6, 9, 11, 12, 14], [2, 3, 5, 6, 9, 11, 12, 14, 15], [2, 3, 5, 6, 9, 11, 12, 15], [2, 3, 5, 6, 9, 11, 14], [2, 3, 5, 6, 9, 11, 14, 15], [2, 3, 5, 6, 9, 11, 15], [2, 3, 5, 6, 9, 12], [2, 3, 5, 6, 9, 12, 13], [2, 3, 5, 6, 9, 12, 13, 14], [2, 3, 5, 6, 9, 12, 13, 14, 15], [2, 3, 5, 6, 9, 12, 13, 15], [2, 3, 5, 6, 9, 12, 14], [2, 3, 5, 6, 9, 12, 14, 15], [2, 3, 5, 6, 9, 12, 15], [2, 3, 5, 6, 9, 14], [2, 3, 5, 6, 9, 14, 15], [2, 3, 5, 6, 9, 15], [2, 3, 5, 6, 10, 11, 12, 13, 14, 15], [2, 3, 5, 6, 10, 11, 12, 13, 15], [2, 3, 5, 6, 10, 11, 12, 14, 15], [2, 3, 5, 6, 10, 11, 12, 15], [2, 3, 5, 6, 10, 11, 14, 15], [2, 3, 5, 6, 10, 11, 15], [2, 3, 5, 6, 10, 12, 13], [2, 3, 5, 6, 10, 12, 13, 14, 15], [2, 3, 5, 6, 10, 12, 13, 15], [2, 3, 5, 6, 10, 12, 14], [2, 3, 5, 6, 10, 14, 15], [2, 3, 5, 6, 10, 15], [2, 3, 5, 6, 11, 12, 13], [2, 3, 5, 6, 11, 12, 13, 15], [2, 3, 5, 6, 11, 12, 14, 15], [2, 3, 5, 6, 11, 12, 15], [2, 3, 5, 6, 11, 14, 15], [2, 3, 5, 6, 11, 15], [2, 3, 5, 6, 12], [2, 3, 5, 6, 12, 13], [2, 3, 5, 6, 12, 13, 15], [2, 3, 5, 6, 12, 14], [2, 3, 5, 6, 12, 14, 15], [2, 3, 5, 6, 12, 15], [2, 3, 5, 6, 14, 15], [2, 3, 5, 6, 15], [2, 3, 5, 7], [2, 3, 5, 7, 8], [2, 3, 5, 7, 8, 9], [2, 3, 5, 7, 8, 9, 10], [2, 3, 5, 7, 8, 9, 10, 11], [2, 3, 5, 7, 8, 9, 10, 11, 12, 13], [2, 3, 5, 7, 8, 9, 10, 11, 12, 13, 14], [2, 3, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 5, 7, 8, 9, 10, 11, 12, 13, 15], [2, 3, 5, 7, 8, 9, 10, 11, 12, 14], [2, 3, 5, 7, 8, 9, 10, 11, 12, 14, 15], [2, 3, 5, 7, 8, 9, 10, 11, 13], [2, 3, 5, 7, 8, 9, 10, 11, 13, 14], [2, 3, 5, 7, 8, 9, 10, 11, 13, 14, 15], [2, 3, 5, 7, 8, 9, 10, 11, 13, 15], [2, 3, 5, 7, 8, 9, 10, 11, 14], [2, 3, 5, 7, 8, 9, 10, 11, 14, 15], [2, 3, 5, 7, 8, 9, 10, 11, 15], [2, 3, 5, 7, 8, 9, 10, 12, 13], [2, 3, 5, 7, 8, 9, 10, 12, 13, 14], [2, 3, 5, 7, 8, 9, 10, 12, 13, 14, 15], [2, 3, 5, 7, 8, 9, 10, 12, 13, 15], [2, 3, 5, 7, 8, 9, 10, 12, 14], [2, 3, 5, 7, 8, 9, 10, 12, 14, 15], [2, 3, 5, 7, 8, 9, 10, 13], [2, 3, 5, 7, 8, 9, 10, 13, 14], [2, 3, 5, 7, 8, 9, 10, 13, 14, 15], [2, 3, 5, 7, 8, 9, 10, 13, 15], [2, 3, 5, 7, 8, 9, 10, 14], [2, 3, 5, 7, 8, 9, 10, 14, 15], [2, 3, 5, 7, 8, 9, 10, 15], [2, 3, 5, 7, 8, 9, 11], [2, 3, 5, 7, 8, 9, 11, 12, 13], [2, 3, 5, 7, 8, 9, 11, 12, 13, 14], [2, 3, 5, 7, 8, 9, 11, 12, 13, 14, 15], [2, 3, 5, 7, 8, 9, 11, 12, 13, 15], [2, 3, 5, 7, 8, 9, 11, 12, 14], [2, 3, 5, 7, 8, 9, 11, 12, 14, 15], [2, 3, 5, 7, 8, 9, 11, 13, 14, 15], [2, 3, 5, 7, 8, 9, 11, 13, 15], [2, 3, 5, 7, 8, 9, 11, 14], [2, 3, 5, 7, 8, 9, 11, 14, 15], [2, 3, 5, 7, 8, 9, 11, 15], [2, 3, 5, 7, 8, 9, 12, 13], [2, 3, 5, 7, 8, 9, 12, 13, 14], [2, 3, 5, 7, 8, 9, 12, 13, 14, 15], [2, 3, 5, 7, 8, 9, 12, 13, 15], [2, 3, 5, 7, 8, 9, 12, 14], [2, 3, 5, 7, 8, 9, 12, 14, 15], [2, 3, 5, 7, 8, 9, 13, 14, 15], [2, 3, 5, 7, 8, 9, 13, 15], [2, 3, 5, 7, 8, 9, 14], [2, 3, 5, 7, 8, 9, 14, 15], [2, 3, 5, 7, 8, 9, 15], [2, 3, 5, 7, 8, 10], [2, 3, 5, 7, 8, 10, 11], [2, 3, 5, 7, 8, 10, 11, 12, 13], [2, 3, 5, 7, 8, 10, 11, 12, 13, 14], [2, 3, 5, 7, 8, 10, 11, 12, 13, 14, 15], [2, 3, 5, 7, 8, 10, 11, 12, 13, 15], [2, 3, 5, 7, 8, 10, 11, 12, 14], [2, 3, 5, 7, 8, 10, 11, 12, 14, 15], [2, 3, 5, 7, 8, 10, 11, 13], [2, 3, 5, 7, 8, 10, 11, 13, 15], [2, 3, 5, 7, 8, 10, 11, 14], [2, 3, 5, 7, 8, 10, 11, 14, 15], [2, 3, 5, 7, 8, 10, 11, 15], [2, 3, 5, 7, 8, 10, 12, 13], [2, 3, 5, 7, 8, 10, 12, 13, 14], [2, 3, 5, 7, 8, 10, 12, 13, 14, 15], [2, 3, 5, 7, 8, 10, 12, 13, 15], [2, 3, 5, 7, 8, 10, 12, 14], [2, 3, 5, 7, 8, 10, 12, 14, 15], [2, 3, 5, 7, 8, 10, 13], [2, 3, 5, 7, 8, 10, 13, 15], [2, 3, 5, 7, 8, 10, 14], [2, 3, 5, 7, 8, 10, 14, 15], [2, 3, 5, 7, 8, 10, 15], [2, 3, 5, 7, 8, 11], [2, 3, 5, 7, 8, 11, 12, 13], [2, 3, 5, 7, 8, 11, 12, 13, 14], [2, 3, 5, 7, 8, 11, 12, 13, 14, 15], [2, 3, 5, 7, 8, 11, 12, 13, 15], [2, 3, 5, 7, 8, 11, 12, 14], [2, 3, 5, 7, 8, 11, 12, 14, 15], [2, 3, 5, 7, 8, 11, 13], [2, 3, 5, 7, 8, 11, 13, 15], [2, 3, 5, 7, 8, 11, 14], [2, 3, 5, 7, 8, 11, 14, 15], [2, 3, 5, 7, 8, 11, 15], [2, 3, 5, 7, 8, 12, 13], [2, 3, 5, 7, 8, 12, 13, 14], [2, 3, 5, 7, 8, 12, 13, 14, 15], [2, 3, 5, 7, 8, 12, 13, 15], [2, 3, 5, 7, 8, 12, 14], [2, 3, 5, 7, 8, 12, 14, 15], [2, 3, 5, 7, 8, 13], [2, 3, 5, 7, 8, 13, 15], [2, 3, 5, 7, 8, 14], [2, 3, 5, 7, 8, 14, 15], [2, 3, 5, 7, 8, 15], [2, 3, 5, 7, 9], [2, 3, 5, 7, 9, 10], [2, 3, 5, 7, 9, 10, 11], [2, 3, 5, 7, 9, 10, 11, 12, 13], [2, 3, 5, 7, 9, 10, 11, 12, 13, 14], [2, 3, 5, 7, 9, 10, 11, 12, 13, 14, 15], [2, 3, 5, 7, 9, 10, 11, 12, 13, 15], [2, 3, 5, 7, 9, 10, 11, 12, 14], [2, 3, 5, 7, 9, 10, 11, 12, 14, 15], [2, 3, 5, 7, 9, 10, 11, 13], [2, 3, 5, 7, 9, 10, 11, 13, 14], [2, 3, 5, 7, 9, 10, 11, 13, 14, 15], [2, 3, 5, 7, 9, 10, 11, 13, 15], [2, 3, 5, 7, 9, 10, 11, 14], [2, 3, 5, 7, 9, 10, 11, 14, 15], [2, 3, 5, 7, 9, 10, 11, 15], [2, 3, 5, 7, 9, 10, 12, 13], [2, 3, 5, 7, 9, 10, 12, 13, 14], [2, 3, 5, 7, 9, 10, 12, 13, 14, 15], [2, 3, 5, 7, 9, 10, 12, 13, 15], [2, 3, 5, 7, 9, 10, 12, 14], [2, 3, 5, 7, 9, 10, 12, 14, 15], [2, 3, 5, 7, 9, 10, 13], [2, 3, 5, 7, 9, 10, 13, 14], [2, 3, 5, 7, 9, 10, 13, 14, 15], [2, 3, 5, 7, 9, 10, 13, 15], [2, 3, 5, 7, 9, 10, 14], [2, 3, 5, 7, 9, 10, 14, 15], [2, 3, 5, 7, 9, 10, 15], [2, 3, 5, 7, 9, 11], [2, 3, 5, 7, 9, 11, 12, 13], [2, 3, 5, 7, 9, 11, 12, 13, 14], [2, 3, 5, 7, 9, 11, 12, 13, 14, 15], [2, 3, 5, 7, 9, 11, 12, 13, 15], [2, 3, 5, 7, 9, 11, 12, 14], [2, 3, 5, 7, 9, 11, 12, 14, 15], [2, 3, 5, 7, 9, 11, 13, 14, 15] , [2, 3, 5, 7, 9, 11, 13, 15], [2, 3, 5, 7, 9, 11, 14], [2, 3, 5, 7, 9, 11, 14, 15], [2, 3, 5, 7, 9, 11, 15], [2, 3, 5, 7, 9, 12, 13], [2, 3, 5, 7, 9, 12, 13, 14], [2, 3, 5, 7, 9, 12, 13, 14, 15], [2, 3, 5, 7, 9, 12, 13, 15], [2, 3, 5, 7, 9, 12, 14], [2, 3, 5, 7, 9, 12, 14, 15], [2, 3, 5, 7, 9, 13, 14, 15], [2, 3, 5, 7, 9, 13, 15], [2, 3, 5, 7, 9, 14], [2, 3, 5, 7, 9, 14, 15], [2, 3, 5, 7, 9, 15], [2, 3, 5, 7, 10], [2, 3, 5, 7, 10, 11], [2, 3, 5, 7, 10, 11, 12, 13], [2, 3, 5, 7, 10, 11, 12, 13, 14], [2, 3, 5, 7, 10, 11, 12, 13, 14, 15], [2, 3, 5, 7, 10, 11, 12, 13, 15], [2, 3, 5, 7, 10, 11, 12, 14], [2, 3, 5, 7, 10, 11, 12, 14, 15], [2, 3, 5, 7, 10, 11, 13], [2, 3, 5, 7, 10, 11, 13, 15], [2, 3, 5, 7, 10, 11, 14], [2, 3, 5, 7, 10, 11, 14, 15], [2, 3, 5, 7, 10, 11, 15], [2, 3, 5, 7, 10, 12, 13], [2, 3, 5, 7, 10, 12, 13, 14], [2, 3, 5, 7, 10, 12, 13, 14, 15], [2, 3, 5, 7, 10, 12, 13, 15], [2, 3, 5, 7, 10, 12, 14], [2, 3, 5, 7, 10, 12, 14, 15], [2, 3, 5, 7, 10, 13], [2, 3, 5, 7, 10, 13, 15], [2, 3, 5, 7, 10, 14], [2, 3, 5, 7, 10, 14, 15], [2, 3, 5, 7, 10, 15], [2, 3, 5, 7, 11], [2, 3, 5, 7, 11, 12, 13], [2, 3, 5, 7, 11, 12, 13, 14], [2, 3, 5, 7, 11, 12, 13, 14, 15], [2, 3, 5, 7, 11, 12, 13, 15], [2, 3, 5, 7, 11, 12, 14], [2, 3, 5, 7, 11, 12, 14, 15], [2, 3, 5, 7, 11, 13], [2, 3, 5, 7, 11, 13, 15], [2, 3, 5, 7, 11, 14], [2, 3, 5, 7, 11, 14, 15], [2, 3, 5, 7, 11, 15], [2, 3, 5, 7, 12, 13], [2, 3, 5, 7, 12, 13, 14], [2, 3, 5, 7, 12, 13, 14, 15], [2, 3, 5, 7, 12, 13, 15], [2, 3, 5, 7, 12, 14], [2, 3, 5, 7, 12, 14, 15], [2, 3, 5, 7, 13], [2, 3, 5, 7, 13, 15], [2, 3, 5, 7, 14], [2, 3, 5, 7, 14, 15], [2, 3, 5, 7, 15], [2, 3, 5, 8], [2, 3, 5, 8, 9], [2, 3, 5, 8, 9, 10], [2, 3, 5, 8, 9, 10, 11], [2, 3, 5, 8, 9, 10, 11, 12], [2, 3, 5, 8, 9, 10, 11, 12, 13], [2, 3, 5, 8, 9, 10, 11, 12, 13, 14], [2, 3, 5, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 5, 8, 9, 10, 11, 12, 13, 15], [2, 3, 5, 8, 9, 10, 11, 12, 14], [2, 3, 5, 8, 9, 10, 11, 12, 14, 15], [2, 3, 5, 8, 9, 10, 11, 12, 15], [2, 3, 5, 8, 9, 10, 11, 14], [2, 3, 5, 8, 9, 10, 11, 14, 15], [2, 3, 5, 8, 9, 10, 11, 15], [2, 3, 5, 8, 9, 10, 12], [2, 3, 5, 8, 9, 10, 12, 13], [2, 3, 5, 8, 9, 10, 12, 13, 14], [2, 3, 5, 8, 9, 10, 12, 13, 14, 15], [2, 3, 5, 8, 9, 10, 12, 13, 15], [2, 3, 5, 8, 9, 10, 12, 14], [2, 3, 5, 8, 9, 10, 12, 14, 15], [2, 3, 5, 8, 9, 10, 12, 15], [2, 3, 5, 8, 9, 10, 14], [2, 3, 5, 8, 9, 10, 14, 15], [2, 3, 5, 8, 9, 10, 15], [2, 3, 5, 8, 9, 11], [2, 3, 5, 8, 9, 11, 12], [2, 3, 5, 8, 9, 11, 12, 13], [2, 3, 5, 8, 9, 11, 12, 13, 14, 15], [2, 3, 5, 8, 9, 11, 12, 13, 15], [2, 3, 5, 8, 9, 11, 12, 14], [2, 3, 5, 8, 9, 11, 12, 14, 15], [2, 3, 5, 8, 9, 11, 12, 15], [2, 3, 5, 8, 9, 11, 14, 15], [2, 3, 5, 8, 9, 11, 15], [2, 3, 5, 8, 9, 12], [2, 3, 5, 8, 9, 12, 13], [2, 3, 5, 8, 9, 12, 13, 14, 15], [2, 3, 5, 8, 9, 12, 13, 15], [2, 3, 5, 8, 9, 12, 14], [2, 3, 5, 8, 9, 12, 14, 15], [2, 3, 5, 8, 9, 12, 15], [2, 3, 5, 8, 9, 14, 15], [2, 3, 5, 8, 9, 15], [2, 3, 5, 8, 10], [2, 3, 5, 8, 10, 11], [2, 3, 5, 8, 10, 11, 12], [2, 3, 5, 8, 10, 11, 12, 13], [2, 3, 5, 8, 10, 11, 12, 13, 15], [2, 3, 5, 8, 10, 11, 12, 14], [2, 3, 5, 8, 10, 11, 12, 14, 15], [2, 3, 5, 8, 10, 11, 12, 15], [2, 3, 5, 8, 10, 11, 14, 15], [2, 3, 5, 8, 10, 11, 15], [2, 3, 5, 8, 10, 12], [2, 3, 5, 8, 10, 12, 13], [2, 3, 5, 8, 10, 12, 13, 15], [2, 3, 5, 8, 10, 12, 14], [2, 3, 5, 8, 10, 12, 14, 15], [2, 3, 5, 8, 10, 12, 15], [2, 3, 5, 8, 10, 14, 15], [2, 3, 5, 8, 10, 15], [2, 3, 5, 8, 11], [2, 3, 5, 8, 11, 12], [2, 3, 5, 8, 11, 12, 13], [2, 3, 5, 8, 11, 12, 13, 15], [2, 3, 5, 8, 11, 12, 14], [2, 3, 5, 8, 11, 12, 14, 15], [2, 3, 5, 8, 11, 12, 15], [2, 3, 5, 8, 11, 15], [2, 3, 5, 8, 12], [2, 3, 5, 8, 12, 13], [2, 3, 5, 8, 12, 13, 15], [2, 3, 5, 8, 12, 14], [2, 3, 5, 8, 12, 14, 15], [2, 3, 5, 8, 12, 15], [2, 3, 5, 8, 15], [2, 3, 5, 9], [2, 3, 5, 9, 10], [2, 3, 5, 9, 10, 11, 12], [2, 3, 5, 9, 10, 11, 12, 13], [2, 3, 5, 9, 10, 11, 12, 13, 14], [2, 3, 5, 9, 10, 11, 12, 13, 14, 15], [2, 3, 5, 9, 10, 11, 12, 13, 15], [2, 3, 5, 9, 10, 11, 12, 14], [2, 3, 5, 9, 10, 11, 12, 14, 15], [2, 3, 5, 9, 10, 11, 12, 15], [2, 3, 5, 9, 10, 11, 14], [2, 3, 5, 9, 10, 11, 14, 15], [2, 3, 5, 9, 10, 11, 15], [2, 3, 5, 9, 10, 12], [2, 3, 5, 9, 10, 12, 13], [2, 3, 5, 9, 10, 12, 13, 14], [2, 3, 5, 9, 10, 12, 13, 14, 15], [2, 3, 5, 9, 10, 12, 13, 15], [2, 3, 5, 9, 10, 12, 14], [2, 3, 5, 9, 10, 12, 14, 15], [2, 3, 5, 9, 10, 12, 15], [2, 3, 5, 9, 10, 14], [2, 3, 5, 9, 10, 14, 15], [2, 3, 5, 9, 10, 15], [2, 3, 5, 9, 11], [2, 3, 5, 9, 11, 12], [2, 3, 5, 9, 11, 12, 13], [2, 3, 5, 9, 11, 12, 13, 14, 15], [2, 3, 5, 9, 11, 12, 13, 15], [2, 3, 5, 9, 11, 12, 14], [2, 3, 5, 9, 11, 12, 14, 15], [2, 3, 5, 9, 11, 12, 15], [2, 3, 5, 9, 11, 14, 15], [2, 3, 5, 9, 11, 15], [2, 3, 5, 9, 12], [2, 3, 5, 9, 12, 13], [2, 3, 5, 9, 12, 13, 14, 15], [2, 3, 5, 9, 12, 13, 15], [2, 3, 5, 9, 12, 14], [2, 3, 5, 9, 12, 14, 15], [2, 3, 5, 9, 12, 15], [2, 3, 5, 9, 14, 15], [2, 3, 5, 9, 15], [2, 3, 5, 10], [2, 3, 5, 10, 11, 12, 13], [2, 3, 5, 10, 11, 12, 13, 15], [2, 3, 5, 10, 11, 12, 14, 15], [2, 3, 5, 10, 11, 12, 15], [2, 3, 5, 10, 11, 14, 15], [2, 3, 5, 10, 11, 15], [2, 3, 5, 10, 12], [2, 3, 5, 10, 12, 13], [2, 3, 5, 10, 12, 13, 15], [2, 3, 5, 10, 12, 14], [2, 3, 5, 10, 14, 15], [2, 3, 5, 10, 15], [2, 3, 5, 11, 12, 13], [2, 3, 5, 11, 12, 13, 15], [2, 3, 5, 11, 12, 14], [2, 3, 5, 11, 12, 14, 15], [2, 3, 5, 11, 12, 15], [2, 3, 5, 11, 15], [2, 3, 5, 12], [2, 3, 5, 12, 13], [2, 3, 5, 12, 13, 15], [2, 3, 5, 12, 14], [2, 3, 5, 12, 14, 15], [2, 3, 5, 12, 15], [2, 3, 5, 15], [2, 3, 6], [2, 3, 6, 7, 8, 9, 10, 11, 12, 13], [2, 3, 6, 7, 8, 9, 10, 11, 12, 13, 14], [2, 3, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 6, 7, 8, 9, 10, 11, 12, 13, 15], [2, 3, 6, 7, 8, 9, 10, 11, 12, 14], [2, 3, 6, 7, 8, 9, 10, 11, 12, 14, 15], [2, 3, 6, 7, 8, 9, 10, 11, 13], [2, 3, 6, 7, 8, 9, 10, 11, 13, 14], [2, 3, 6, 7, 8, 9, 10, 11, 13, 14, 15], [2, 3, 6, 7, 8, 9, 10, 11, 13, 15], [2, 3, 6, 7, 8, 9, 10, 11, 14], [2, 3, 6, 7, 8, 9, 10, 11, 14, 15], [2, 3, 6, 7, 8, 9, 10, 11, 15], [2, 3, 6, 7, 8, 9, 10, 12, 13], [2, 3, 6, 7, 8, 9, 10, 12, 13, 14], [2, 3, 6, 7, 8, 9, 10, 12, 13, 14, 15], [2, 3, 6, 7, 8, 9, 10, 12, 13, 15], [2, 3, 6, 7, 8, 9, 10, 12, 14, 15], [2, 3, 6, 7, 8, 9, 10, 13], [2, 3, 6, 7, 8, 9, 10, 13, 14], [2, 3, 6, 7, 8, 9, 10, 13, 14, 15], [2, 3, 6, 7, 8, 9, 10, 13, 15], [2, 3, 6, 7, 8, 9, 10, 14], [2, 3, 6, 7, 8, 9, 10, 14, 15], [2, 3, 6, 7, 8, 9, 11, 12, 13], [2, 3, 6, 7, 8, 9, 11, 12, 13, 14], [2, 3, 6, 7, 8, 9, 11, 12, 13, 14, 15], [2, 3, 6, 7, 8, 9, 11, 12, 13, 15], [2, 3, 6, 7, 8, 9, 11, 12, 14], [2, 3, 6, 7, 8, 9, 11, 12, 14, 15], [2, 3, 6, 7, 8, 9, 11, 13, 14], [2, 3, 6, 7, 8, 9, 11, 13, 14, 15], [2, 3, 6, 7, 8, 9, 11, 13, 15], [2, 3, 6, 7, 8, 9, 11, 14], [2, 3, 6, 7, 8, 9, 11, 14, 15], [2, 3, 6, 7, 8, 9, 11, 15], [2, 3, 6, 7, 8, 9, 12, 13], [2, 3, 6, 7, 8, 9, 12, 13, 14], [2, 3, 6, 7, 8, 9, 12, 13, 14, 15], [2, 3, 6, 7, 8, 9, 12, 13, 15], [2, 3, 6, 7, 8, 9, 12, 14, 15], [2, 3, 6, 7, 8, 9, 13, 14], [2, 3, 6, 7, 8, 9, 13, 14, 15], [2, 3, 6, 7, 8, 9, 13, 15], [2, 3, 6, 7, 8, 9, 14], [2, 3, 6, 7, 8, 9, 14, 15], [2, 3, 6, 7, 8, 10, 11], [2, 3, 6, 7, 8, 10, 11, 12, 13], [2, 3, 6, 7, 8, 10, 11, 12, 13, 14], [2, 3, 6, 7, 8, 10, 11, 12, 13, 14, 15], [2, 3, 6, 7, 8, 10, 11, 12, 13, 15], [2, 3, 6, 7, 8, 10, 11, 12, 14], [2, 3, 6, 7, 8, 10, 11, 12, 14, 15], [2, 3, 6, 7, 8, 10, 11, 13], [2, 3, 6, 7, 8, 10, 11, 13, 14], [2, 3, 6, 7, 8, 10, 11, 13, 14, 15], [2, 3, 6, 7, 8, 10, 11, 13, 15], [2, 3, 6, 7, 8, 10, 11, 14], [2, 3, 6, 7, 8, 10, 11, 14, 15], [2, 3, 6, 7, 8, 10, 11, 15], [2, 3, 6, 7, 8, 10, 12, 13], [2, 3, 6, 7, 8, 10, 12, 13, 14], [2, 3, 6, 7, 8, 10, 12, 13, 14, 15], [2, 3, 6, 7, 8, 10, 12, 13, 15], [2, 3, 6, 7, 8, 10, 12, 14], [2, 3, 6, 7, 8, 10, 12, 14, 15], [2, 3, 6, 7, 8, 10, 13], [2, 3, 6, 7, 8, 10, 13, 14], [2, 3, 6, 7, 8, 10, 13, 14, 15], [2, 3, 6, 7, 8, 10, 13, 15], [2, 3, 6, 7, 8, 10, 14], [2, 3, 6, 7, 8, 10, 14, 15], [2, 3, 6, 7, 8, 10, 15], [2, 3, 6, 7, 8, 11], [2, 3, 6, 7, 8, 11, 12, 13], [2, 3, 6, 7, 8, 11, 12, 13, 14], [2, 3, 6, 7, 8, 11, 12, 13, 14, 15], [2, 3, 6, 7, 8, 11, 12, 13, 15], [2, 3, 6, 7, 8, 11, 12, 14], [2, 3, 6, 7, 8, 11, 12, 14, 15], [2, 3, 6, 7, 8, 11, 13], [2, 3, 6, 7, 8, 11, 13, 14], [2, 3, 6, 7, 8, 11, 13, 14, 15], [2, 3, 6, 7, 8, 11, 13, 15], [2, 3, 6, 7, 8, 11, 14], [2, 3, 6, 7, 8, 11, 14, 15], [2, 3, 6, 7, 8, 11, 15], [2, 3, 6, 7, 8, 12, 13], [2, 3, 6, 7, 8, 12, 13, 14], [2, 3, 6, 7, 8, 12, 13, 14, 15], [2, 3, 6, 7, 8, 12, 13, 15], [2, 3, 6, 7, 8, 12, 14], [2, 3, 6, 7, 8, 12, 14, 15], [2, 3, 6, 7, 8, 13], [2, 3, 6, 7, 8, 13, 14], [2, 3, 6, 7, 8, 13, 14, 15], [2, 3, 6, 7, 8, 13, 15], [2, 3, 6, 7, 8, 14], [2, 3, 6, 7, 8, 14, 15], [2, 3, 6, 7, 8, 15], [2, 3, 6, 7, 9, 10, 11, 12, 13], [2, 3, 6, 7, 9, 10, 11, 12, 13, 14], [2, 3, 6, 7, 9, 10, 11, 12, 13, 14, 15], [2, 3, 6, 7, 9, 10, 11, 12, 13, 15], [2, 3, 6, 7, 9, 10, 11, 12, 14, 15], [2, 3, 6, 7, 9, 10, 11, 13], [2, 3, 6, 7, 9, 10, 11, 13, 14], [2, 3, 6, 7, 9, 10, 11, 13, 14, 15], [2, 3, 6, 7, 9, 10, 11, 13, 15], [2, 3, 6, 7, 9, 10, 11, 14], [2, 3, 6, 7, 9, 10, 11, 14, 15], [2, 3, 6, 7, 9, 10, 12, 13], [2, 3, 6, 7, 9, 10, 12, 13, 14], [2, 3, 6, 7, 9, 10, 12, 13, 14, 15], [2, 3, 6, 7, 9, 10, 12, 13, 15], [2, 3, 6, 7, 9, 10, 13], [2, 3, 6, 7, 9, 10, 13, 14], [2, 3, 6, 7, 9, 10, 13, 14, 15], [2, 3, 6, 7, 9, 10, 13, 15], [2, 3, 6, 7, 9, 10, 14], [2, 3, 6, 7, 9, 10, 14, 15], [2, 3, 6, 7, 9, 11, 12, 13], [2, 3, 6, 7, 9, 11, 12, 13, 14], [2, 3, 6, 7, 9, 11, 12, 13, 14, 15], [2, 3, 6, 7, 9, 11, 12, 13, 15], [2, 3, 6, 7, 9, 11, 12, 14, 15] , [2, 3, 6, 7, 9, 11, 13], [2, 3, 6, 7, 9, 11, 13, 14], [2, 3, 6, 7, 9, 11, 13, 14, 15], [2, 3, 6, 7, 9, 11, 13, 15], [2, 3, 6, 7, 9, 11, 14], [2, 3, 6, 7, 9, 11, 14, 15], [2, 3, 6, 7, 9, 12, 13], [2, 3, 6, 7, 9, 12, 13, 14], [2, 3, 6, 7, 9, 12, 13, 14, 15], [2, 3, 6, 7, 9, 12, 13, 15], [2, 3, 6, 7, 9, 13], [2, 3, 6, 7, 9, 13, 14], [2, 3, 6, 7, 9, 13, 14, 15], [2, 3, 6, 7, 9, 13, 15], [2, 3, 6, 7, 9, 14], [2, 3, 6, 7, 9, 14, 15], [2, 3, 6, 7, 10, 11, 12, 13], [2, 3, 6, 7, 10, 11, 12, 13, 14], [2, 3, 6, 7, 10, 11, 12, 13, 14, 15], [2, 3, 6, 7, 10, 11, 12, 13, 15], [2, 3, 6, 7, 10, 11, 12, 14], [2, 3, 6, 7, 10, 11, 12, 14, 15], [2, 3, 6, 7, 10, 11, 13], [2, 3, 6, 7, 10, 11, 13, 14], [2, 3, 6, 7, 10, 11, 13, 14, 15], [2, 3, 6, 7, 10, 11, 13, 15], [2, 3, 6, 7, 10, 11, 14], [2, 3, 6, 7, 10, 11, 14, 15], [2, 3, 6, 7, 10, 11, 15], [2, 3, 6, 7, 10, 12, 13], [2, 3, 6, 7, 10, 12, 13, 14], [2, 3, 6, 7, 10, 12, 13, 14, 15], [2, 3, 6, 7, 10, 12, 13, 15], [2, 3, 6, 7, 10, 12, 14, 15], [2, 3, 6, 7, 10, 13], [2, 3, 6, 7, 10, 13, 14], [2, 3, 6, 7, 10, 13, 14, 15], [2, 3, 6, 7, 10, 13, 15], [2, 3, 6, 7, 10, 14], [2, 3, 6, 7, 10, 14, 15], [2, 3, 6, 7, 11, 12, 13], [2, 3, 6, 7, 11, 12, 13, 14], [2, 3, 6, 7, 11, 12, 13, 14, 15], [2, 3, 6, 7, 11, 12, 13, 15], [2, 3, 6, 7, 11, 12, 14], [2, 3, 6, 7, 11, 12, 14, 15], [2, 3, 6, 7, 11, 13], [2, 3, 6, 7, 11, 13, 14], [2, 3, 6, 7, 11, 13, 14, 15], [2, 3, 6, 7, 11, 13, 15], [2, 3, 6, 7, 11, 14], [2, 3, 6, 7, 11, 14, 15], [2, 3, 6, 7, 11, 15], [2, 3, 6, 7, 12, 13], [2, 3, 6, 7, 12, 13, 14], [2, 3, 6, 7, 12, 13, 14, 15], [2, 3, 6, 7, 12, 13, 15], [2, 3, 6, 7, 12, 14, 15], [2, 3, 6, 7, 13], [2, 3, 6, 7, 13, 14], [2, 3, 6, 7, 13, 14, 15], [2, 3, 6, 7, 13, 15], [2, 3, 6, 7, 14], [2, 3, 6, 7, 14, 15], [2, 3, 6, 8], [2, 3, 6, 8, 9], [2, 3, 6, 8, 9, 10], [2, 3, 6, 8, 9, 10, 11], [2, 3, 6, 8, 9, 10, 11, 12, 13], [2, 3, 6, 8, 9, 10, 11, 12, 13, 14], [2, 3, 6, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 6, 8, 9, 10, 11, 12, 13, 15], [2, 3, 6, 8, 9, 10, 11, 12, 14], [2, 3, 6, 8, 9, 10, 11, 12, 14, 15], [2, 3, 6, 8, 9, 10, 11, 12, 15], [2, 3, 6, 8, 9, 10, 11, 13], [2, 3, 6, 8, 9, 10, 11, 13, 15], [2, 3, 6, 8, 9, 10, 11, 14], [2, 3, 6, 8, 9, 10, 11, 14, 15], [2, 3, 6, 8, 9, 10, 11, 15], [2, 3, 6, 8, 9, 10, 12, 13], [2, 3, 6, 8, 9, 10, 12, 13, 14], [2, 3, 6, 8, 9, 10, 12, 13, 14, 15], [2, 3, 6, 8, 9, 10, 12, 13, 15], [2, 3, 6, 8, 9, 10, 12, 14], [2, 3, 6, 8, 9, 10, 12, 14, 15], [2, 3, 6, 8, 9, 10, 13], [2, 3, 6, 8, 9, 10, 13, 15], [2, 3, 6, 8, 9, 10, 14], [2, 3, 6, 8, 9, 10, 14, 15], [2, 3, 6, 8, 9, 10, 15], [2, 3, 6, 8, 9, 11], [2, 3, 6, 8, 9, 11, 12, 13], [2, 3, 6, 8, 9, 11, 12, 13, 14], [2, 3, 6, 8, 9, 11, 12, 13, 14, 15], [2, 3, 6, 8, 9, 11, 12, 13, 15], [2, 3, 6, 8, 9, 11, 12, 14], [2, 3, 6, 8, 9, 11, 12, 14, 15], [2, 3, 6, 8, 9, 11, 12, 15], [2, 3, 6, 8, 9, 11, 13], [2, 3, 6, 8, 9, 11, 13, 15], [2, 3, 6, 8, 9, 11, 14], [2, 3, 6, 8, 9, 11, 14, 15], [2, 3, 6, 8, 9, 11, 15], [2, 3, 6, 8, 9, 12, 13], [2, 3, 6, 8, 9, 12, 13, 14], [2, 3, 6, 8, 9, 12, 13, 14, 15], [2, 3, 6, 8, 9, 12, 13, 15], [2, 3, 6, 8, 9, 12, 14], [2, 3, 6, 8, 9, 12, 14, 15], [2, 3, 6, 8, 9, 13], [2, 3, 6, 8, 9, 13, 15], [2, 3, 6, 8, 9, 14], [2, 3, 6, 8, 9, 14, 15], [2, 3, 6, 8, 9, 15], [2, 3, 6, 8, 10], [2, 3, 6, 8, 10, 11], [2, 3, 6, 8, 10, 11, 12], [2, 3, 6, 8, 10, 11, 12, 13], [2, 3, 6, 8, 10, 11, 12, 13, 14], [2, 3, 6, 8, 10, 11, 12, 13, 14, 15], [2, 3, 6, 8, 10, 11, 12, 13, 15], [2, 3, 6, 8, 10, 11, 12, 14], [2, 3, 6, 8, 10, 11, 12, 14, 15], [2, 3, 6, 8, 10, 11, 12, 15], [2, 3, 6, 8, 10, 11, 13, 15], [2, 3, 6, 8, 10, 11, 14], [2, 3, 6, 8, 10, 11, 14, 15], [2, 3, 6, 8, 10, 11, 15], [2, 3, 6, 8, 10, 12, 13], [2, 3, 6, 8, 10, 12, 13, 14], [2, 3, 6, 8, 10, 12, 13, 14, 15], [2, 3, 6, 8, 10, 12, 13, 15], [2, 3, 6, 8, 10, 12, 14], [2, 3, 6, 8, 10, 12, 14, 15], [2, 3, 6, 8, 10, 12, 15], [2, 3, 6, 8, 10, 13, 15], [2, 3, 6, 8, 10, 14], [2, 3, 6, 8, 10, 14, 15], [2, 3, 6, 8, 10, 15], [2, 3, 6, 8, 11], [2, 3, 6, 8, 11, 12], [2, 3, 6, 8, 11, 12, 13], [2, 3, 6, 8, 11, 12, 13, 14], [2, 3, 6, 8, 11, 12, 13, 14, 15], [2, 3, 6, 8, 11, 12, 13, 15], [2, 3, 6, 8, 11, 12, 14], [2, 3, 6, 8, 11, 12, 14, 15], [2, 3, 6, 8, 11, 12, 15], [2, 3, 6, 8, 11, 14], [2, 3, 6, 8, 11, 14, 15], [2, 3, 6, 8, 11, 15], [2, 3, 6, 8, 12, 13], [2, 3, 6, 8, 12, 13, 14], [2, 3, 6, 8, 12, 13, 14, 15], [2, 3, 6, 8, 12, 13, 15], [2, 3, 6, 8, 12, 14], [2, 3, 6, 8, 12, 14, 15], [2, 3, 6, 8, 12, 15], [2, 3, 6, 8, 14], [2, 3, 6, 8, 14, 15], [2, 3, 6, 8, 15], [2, 3, 6, 9], [2, 3, 6, 9, 10], [2, 3, 6, 9, 10, 11, 12, 13], [2, 3, 6, 9, 10, 11, 12, 13, 14], [2, 3, 6, 9, 10, 11, 12, 13, 14, 15], [2, 3, 6, 9, 10, 11, 12, 13, 15], [2, 3, 6, 9, 10, 11, 12, 14], [2, 3, 6, 9, 10, 11, 12, 14, 15], [2, 3, 6, 9, 10, 11, 13], [2, 3, 6, 9, 10, 11, 13, 15], [2, 3, 6, 9, 10, 11, 14], [2, 3, 6, 9, 10, 11, 14, 15], [2, 3, 6, 9, 10, 11, 15], [2, 3, 6, 9, 10, 12, 13], [2, 3, 6, 9, 10, 12, 13, 14], [2, 3, 6, 9, 10, 12, 13, 14, 15], [2, 3, 6, 9, 10, 12, 13, 15], [2, 3, 6, 9, 10, 12, 14], [2, 3, 6, 9, 10, 12, 14, 15], [2, 3, 6, 9, 10, 13], [2, 3, 6, 9, 10, 13, 15], [2, 3, 6, 9, 10, 14], [2, 3, 6, 9, 10, 14, 15], [2, 3, 6, 9, 10, 15], [2, 3, 6, 9, 11], [2, 3, 6, 9, 11, 12, 13], [2, 3, 6, 9, 11, 12, 13, 14], [2, 3, 6, 9, 11, 12, 13, 14, 15], [2, 3, 6, 9, 11, 12, 13, 15], [2, 3, 6, 9, 11, 12, 14], [2, 3, 6, 9, 11, 12, 14, 15], [2, 3, 6, 9, 11, 13], [2, 3, 6, 9, 11, 13, 15], [2, 3, 6, 9, 11, 14], [2, 3, 6, 9, 11, 14, 15], [2, 3, 6, 9, 11, 15], [2, 3, 6, 9, 12, 13], [2, 3, 6, 9, 12, 13, 14], [2, 3, 6, 9, 12, 13, 14, 15], [2, 3, 6, 9, 12, 13, 15], [2, 3, 6, 9, 12, 14], [2, 3, 6, 9, 12, 14, 15], [2, 3, 6, 9, 13], [2, 3, 6, 9, 13, 15], [2, 3, 6, 9, 14], [2, 3, 6, 9, 14, 15], [2, 3, 6, 9, 15], [2, 3, 6, 10], [2, 3, 6, 10, 11, 12, 13], [2, 3, 6, 10, 11, 12, 13, 14], [2, 3, 6, 10, 11, 12, 13, 14, 15] , [2, 3, 6, 10, 11, 12, 13, 15], [2, 3, 6, 10, 11, 12, 14, 15], [2, 3, 6, 10, 11, 13, 15], [2, 3, 6, 10, 11, 14, 15], [2, 3, 6, 10, 11, 15], [2, 3, 6, 10, 12, 13], [2, 3, 6, 10, 12, 13, 14], [2, 3, 6, 10, 12, 13, 14, 15], [2, 3, 6, 10, 12, 13, 15], [2, 3, 6, 10, 12, 14], [2, 3, 6, 10, 13, 15], [2, 3,

6, 10, 14], [2, 3, 6, 10, 14, 15], [2, 3, 6, 10, 15], [2, 3, 6, 11, 12, 13], [2, 3, 6, 11, 12, 13, 14], [2, 3, 6, 11, 12, 13, 14, 15], [2, 3, 6, 11, 12, 13, 15], [2, 3, 6, 11, 12, 14], [2, 3, 6, 11, 12, 14, 15], [2, 3, 6, 11, 12, 15], [2, 3, 6, 11, 14, 15], [2, 3, 6, 11, 15], [2, 3, 6, 12, 13], [2, 3, 6, 12, 13, 14], [2, 3, 6, 12, 13, 14, 15], [2, 3, 6, 12, 13, 15], [2, 3, 6, 12, 14], [2, 3, 6, 12, 14, 15], [2, 3, 6, 14], [2, 3, 6, 14, 15], [2, 3, 6, 15], [2, 3, 7, 8, 9, 10, 11, 12, 13], [2, 3, 7, 8, 9, 10, 11, 12, 13, 14], [2, 3, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 7, 8, 9, 10, 11, 12, 13, 15], [2, 3, 7, 8, 9, 10, 11, 12, 14], [2, 3, 7, 8, 9, 10, 11, 12, 14, 15], [2, 3, 7, 8, 9, 10, 11, 13], [2, 3, 7, 8, 9, 10, 11, 13, 14], [2, 3, 7, 8, 9, 10, 11, 13, 14, 15], [2, 3, 7, 8, 9, 10, 11, 13, 15], [2, 3, 7, 8, 9, 10, 11, 14], [2, 3, 7, 8, 9, 10, 11, 14, 15], [2, 3, 7, 8, 9, 10, 11, 15], [2, 3, 7, 8, 9, 10, 12, 13], [2, 3, 7, 8, 9, 10, 12, 13, 14], [2, 3, 7, 8, 9, 10, 12, 13, 14, 15], [2, 3, 7, 8, 9, 10, 12, 13, 15], [2, 3, 7, 8, 9, 10, 12, 14], [2, 3, 7, 8, 9, 10, 12, 14, 15], [2, 3, 7, 8, 9, 10, 13], [2, 3, 7, 8, 9, 10, 13, 14], [2, 3, 7, 8, 9, 10, 13, 14, 15], [2, 3, 7, 8, 9, 10, 13, 15], [2, 3, 7, 8, 9, 10, 14], [2, 3, 7, 8, 9, 10, 14, 15], [2, 3, 7, 8, 9, 11, 12, 13], [2, 3, 7, 8, 9, 11, 12, 13, 14], [2, 3, 7, 8, 9, 11, 12, 13, 14, 15], [2, 3, 7, 8, 9, 11, 12, 13, 15], [2, 3, 7, 8, 9, 11, 12, 14], [2, 3, 7, 8, 9, 11, 12, 14, 15], [2, 3, 7, 8, 9, 11, 13, 14], [2, 3, 7, 8, 9, 11, 13, 14, 15], [2, 3, 7, 8, 9, 11, 13, 15], [2, 3, 7, 8, 9, 11, 14], [2, 3, 7, 8, 9, 11, 14, 15], [2, 3, 7, 8, 9, 11, 15], [2, 3, 7, 8, 9, 12, 13], [2, 3, 7, 8, 9, 12, 13, 14], [2, 3, 7, 8, 9, 12, 13, 14, 15], [2, 3, 7, 8, 9, 12, 13, 15], [2, 3, 7, 8, 9, 12, 14], [2, 3, 7, 8, 9, 12, 14, 15], [2, 3, 7, 8, 9, 13, 14], [2, 3, 7, 8, 9, 13, 14, 15], [2, 3, 7, 8, 9, 14], [2, 3, 7, 8, 9, 14, 15], [2, 3, 7, 8, 10, 11], [2, 3, 7, 8, 10, 11, 12, 13], [2, 3, 7, 8, 10, 11, 12, 13, 14], [2, 3, 7, 8, 10, 11, 12, 13, 14, 15], [2, 3, 7, 8, 10, 11, 12, 13, 15], [2, 3, 7, 8, 10, 11, 12, 14], [2, 3, 7, 8, 10, 11, 12, 14, 15], [2, 3, 7, 8, 10, 11, 13], [2, 3, 7, 8, 10, 11, 13, 14], [2, 3, 7, 8, 10, 11, 13, 14, 15], [2, 3, 7, 8, 10, 11, 13, 15], [2, 3, 7, 8, 10, 11, 14], [2, 3, 7, 8, 10, 11, 14, 15], [

2, 3, 7, 8, 10, 11, 15], [2, 3, 7, 8, 10, 12, 13], [2, 3, 7, 8, 10, 12, 13, 14], [2, 3, 7, 8, 10, 12, 13, 14, 15], [2, 3, 7, 8, 10, 12, 13, 15], [2, 3, 7, 8, 10, 12, 14], [2, 3, 7, 8, 10, 12, 14, 15], [2, 3, 7, 8, 10, 13], [2, 3, 7, 8, 10, 13, 14], [2, 3, 7, 8, 10, 13, 14, 15], [2, 3, 7, 8, 10, 13, 15], [2, 3, 7, 8, 10, 14], [2, 3, 7, 8, 10, 14, 15], [2, 3, 7, 8, 10, 15], [2, 3, 7, 8, 11], [2, 3, 7, 8, 11, 12, 13], [2, 3, 7, 8, 11, 12, 13, 14], [2, 3, 7, 8, 11, 12, 13, 14, 15], [2, 3, 7, 8, 11, 12, 13, 15], [2, 3, 7, 8, 11, 12, 14], [2, 3, 7, 8, 11, 12, 14, 15], [2, 3, 7, 8, 11, 13], [2, 3, 7, 8, 11, 13, 14, 15], [2, 3, 7, 8, 11, 13, 15], [2, 3, 7, 8, 11, 14], [2, 3, 7, 8, 11, 14, 15], [2, 3, 7, 8, 11, 15], [2, 3, 7, 8, 12, 13], [2, 3, 7, 8, 12, 13, 14], [2, 3, 7, 8, 12, 13, 14, 15], [2, 3, 7, 8, 12, 13, 15], [2, 3, 7, 8, 12, 14], [2, 3, 7, 8, 12, 14, 15], [2, 3, 7, 8, 13], [2, 3, 7, 8, 13, 14, 15], [2, 3, 7, 8, 13, 15], [2, 3, 7, 8, 14], [2, 3, 7, 8, 14, 15], [2, 3, 7, 9, 10, 11, 12, 13], [2, 3, 7, 9, 10, 11, 12, 13, 14], [2, 3, 7, 9, 10, 11, 12, 13, 14, 15], [2, 3, 7, 9, 10, 11, 12, 13, 15], [2, 3, 7, 9, 10, 11, 12, 14], [2, 3, 7, 9, 10, 11, 12, 14, 15], [2, 3, 7, 9, 10, 11, 13], [2, 3, 7, 9, 10, 11, 13, 14], [2, 3, 7, 9, 10, 11, 13, 14, 15], [2, 3, 7, 9, 10, 11, 13, 15], [2, 3, 7, 9, 10, 11, 14], [2, 3, 7, 9, 10, 11, 14, 15], [2, 3, 7, 9, 10, 12, 13], [2, 3, 7, 9, 10, 12, 13, 14], [2, 3, 7, 9, 10, 12, 13, 14, 15], [2, 3, 7, 9, 10, 12, 13, 15], [2, 3, 7, 9, 10, 13], [2, 3, 7, 9, 10, 13, 14], [2, 3, 7, 9, 10, 13, 14, 15], [2, 3, 7, 9, 10, 13, 15], [2, 3, 7, 9, 10, 14], [2, 3, 7, 9, 10, 14, 15], [2, 3, 7, 9, 11, 12, 13], [2, 3, 7, 9, 11, 12, 13, 14], [2, 3, 7, 9, 11, 12, 13, 14, 15], [2, 3, 7, 9, 11, 12, 13, 15], [2, 3, 7, 9, 11, 12, 14], [2, 3, 7, 9, 11, 12, 14, 15], [2, 3, 7, 9, 11, 13, 14], [2, 3, 7, 9, 11, 13, 14, 15], [2, 3, 7, 9, 11, 13, 15], [2, 3, 7, 9, 11, 14], [2, 3, 7, 9, 11, 14, 15], [2, 3, 7, 9, 12, 13], [2, 3, 7, 9, 12, 13, 14], [2, 3, 7, 9, 12, 13, 14, 15], [2, 3, 7, 9, 12, 13, 15], [2, 3, 7, 9, 12, 14, 15], [2, 3, 7, 9, 13, 14], [2, 3, 7, 9, 13, 14, 15], [2, 3, 7, 9, 13, 15], [2, 3, 7, 9, 14], [2, 3, 7, 9, 14, 15], [2, 3, 7, 10, 11, 12, 13], [2, 3, 7, 10, 11, 12, 13, 14], [2, 3, 7, 10, 11, 12, 13, 14, 15], [2, 3, 7, 10, 11, 12, 13, 15], [2, 3, 7, 10, 11, 12, 14], [2, 3, 7, 10, 11, 12, 14, 15], [2, 3, 7, 10, 11, 13], [2, 3, 7, 10, 11, 13, 14], [2, 3, 7, 10, 11, 13, 14, 15], [2, 3, 7, 10, 11, 13, 15], [2, 3, 7, 10, 11, 14], [2, 3, 7, 10, 11, 14, 15], [2, 3, 7, 10, 11, 15], [2, 3, 7, 10, 12, 13, 14], [2, 3, 7, 10, 12, 13, 14, 15], [2, 3, 7, 10, 12, 13, 15], [2, 3, 7, 10, 12, 14, 15], [2, 3, 7, 10, 13], [2, 3, 7, 10, 13, 14], [2, 3, 7, 10, 13, 14, 15], [2, 3, 7, 10, 13, 15], [2, 3, 7, 10, 14], [2, 3, 7, 10, 14, 15], [2, 3, 7, 11, 12, 13], [2, 3, 7, 11, 12, 13, 14], [2, 3, 7, 11, 12, 13, 14, 15], [2, 3, 7, 11, 12, 13, 15], [2, 3, 7, 11, 12, 14], [2, 3, 7, 11, 12, 14, 15], [2, 3, 7, 11, 13], [2, 3, 7, 11, 13, 14, 15], [2, 3, 7, 11, 13, 15], [2, 3, 7, 11, 14], [2, 3, 7, 11, 14, 15], [2, 3, 7, 11, 15], [2, 3, 7, 12, 13], [2, 3, 7, 12, 13, 14], [2, 3, 7, 12, 13, 14, 15], [2, 3, 7, 12, 13, 15], [2, 3, 7, 12, 14, 15], [2, 3, 7, 13], [2, 3, 7, 13, 14, 15], [2, 3, 7, 13, 15], [2, 3, 7, 14], [2, 3, 7, 14, 15], [2, 3, 8], [2, 3, 8, 9], [2, 3, 8, 9, 10], [2, 3, 8, 9, 10, 11], [2, 3, 8, 9, 10, 11, 12, 13], [2, 3, 8, 9, 10, 11, 12, 13, 14], [2, 3, 8, 9, 10, 11, 12, 13, 14, 15], [2, 3, 8, 9, 10, 11, 12, 13, 15], [2, 3, 8, 9, 10, 11, 12, 14], [2, 3, 8, 9, 10, 11, 12, 14, 15], [2, 3, 8, 9, 10, 11, 12, 15], [2, 3, 8, 9, 10, 11, 13], [2, 3, 8, 9, 10, 11, 13, 15], [2, 3, 8, 9, 10, 11, 14], [2, 3, 8, 9, 10, 11, 14, 15], [2, 3, 8, 9, 10, 11, 15], [2, 3, 8, 9, 10, 12, 13], [2, 3, 8, 9, 10, 12, 13, 14], [2, 3, 8, 9, 10, 12, 13, 14, 15], [2, 3, 8, 9, 10, 12, 13, 15], [2, 3, 8, 9, 10, 12, 14], [2, 3, 8, 9, 10, 12, 14, 15], [2, 3, 8, 9, 10, 13], [2, 3, 8, 9, 10, 13, 15], [2, 3, 8, 9, 10, 14], [2, 3, 8, 9, 10, 14, 15], [2, 3, 8, 9, 10, 15], [2, 3, 8, 9, 11], [2, 3, 8, 9, 11, 12, 13], [2, 3, 8, 9, 11, 12, 13, 14], [2, 3, 8, 9, 11, 12, 13, 14, 15], [2, 3, 8, 9, 11, 12, 13, 15], [2, 3, 8, 9, 11, 12, 14], [2, 3, 8, 9, 11, 12, 14, 15], [2, 3, 8, 9, 11, 12, 15], [2, 3, 8, 9, 11, 13, 15], [2, 3, 8, 9, 11, 14], [2, 3, 8, 9, 11, 14, 15], [2, 3, 8, 9, 11, 15], [2, 3, 8, 9, 12, 13], [2, 3, 8, 9, 12, 13, 14], [2, 3, 8, 9, 12, 13, 14, 15], [2, 3, 8, 9, 12, 13, 15], [2, 3, 8, 9, 12, 14], [2, 3, 8, 9, 12, 14, 15], [2, 3, 8, 9, 13, 15], [2, 3, 8, 9, 14], [2, 3, 8, 9, 14, 15], [2, 3, 8, 9, 15], [2, 3, 8, 10], [2, 3, 8, 10, 11], [2, 3, 8, 10, 11,

12], [2, 3, 8, 10, 11, 12, 13], [2, 3, 8, 10, 11, 12, 13, 14], [2, 3, 8, 10, 11, 12, 13, 14, 15] , [2,
3, 8, 10, 11, 12, 13, 15], [2, 3, 8, 10, 11, 12, 14], [2, 3, 8, 10, 11, 12, 14, 15], [2, 3, 8, 10, 11,
12, 15], [2, 3, 8, 10, 11, 13, 15], [2, 3, 8, 10, 11, 14], [2, 3, 8, 10, 11, 14, 15], [2, 3, 8, 10, 11,
15], [2, 3, 8, 10, 12, 13], [2, 3, 8, 10, 12, 13, 14], [2, 3, 8, 10, 12, 13, 14, 15], [2, 3, 8, 10, 12,
13, 15], [2, 3, 8, 10, 12, 14], [2, 3, 8, 10, 12, 14, 15], [2, 3, 8, 10, 12, 15], [2, 3, 8, 10, 13, 15
], [2, 3, 8, 10, 14], [2, 3, 8, 10, 14, 15], [2, 3, 8, 10, 15], [2, 3, 8, 11, 12], [2, 3, 8, 11, 12, 13
], [2, 3, 8, 11, 12, 13, 14, 15], [2, 3, 8, 11, 12, 13, 15], [2, 3, 8, 11, 12, 14], [2, 3, 8, 11, 12, 14,
15], [2, 3, 8, 11, 12, 15], [2, 3, 8, 11, 14, 15], [2, 3, 8, 11, 15], [2, 3, 8, 12, 13], [2, 3, 8, 12,
13, 14, 15], [2, 3, 8, 12, 13, 15], [2, 3, 8, 12, 14], [2, 3, 8, 12, 14, 15], [2, 3, 8, 12, 15], [2, 3,
8, 14, 15], [2, 3, 8, 15], [2, 3, 9], [2, 3, 9, 10], [2, 3, 9, 10, 11], [2, 3, 9, 10, 11, 12, 13], [2,
3, 9, 10, 11, 12, 13, 14], [2, 3, 9, 10, 11, 12, 13, 14, 15] , [2, 3, 9, 10, 11, 12, 13, 15], [2, 3, 9,
10, 11, 12, 14], [2, 3, 9, 10, 11, 12, 14, 15], [2, 3, 9, 10, 11, 13], [2, 3, 9, 10, 11, 13, 15], [2,
3, 9, 10, 11, 14], [2, 3, 9, 10, 11, 14, 15], [2, 3, 9, 10, 11, 15], [2, 3, 9, 10, 12, 13], [2, 3, 9,
10, 12, 13, 14], [2, 3, 9, 10, 12, 13, 14, 15], [2, 3, 9, 10, 12, 13, 15], [2, 3, 9, 10, 12, 14], [2,
3, 9, 10, 12, 14, 15], [2, 3, 9, 10, 13], [2, 3, 9, 10, 13, 15], [2, 3, 9, 10, 14], [2, 3, 9, 10, 14, 15
], [2, 3, 9, 10, 15], [2, 3, 9, 11], [2, 3, 9, 11, 12, 13], [2, 3, 9, 11, 12, 13, 14], [2, 3, 9, 11, 12,
13, 14, 15], [2, 3, 9, 11, 12, 13, 15], [2, 3, 9, 11, 12, 14], [2, 3, 9, 11, 12, 14, 15], [2, 3, 9, 11,
13, 15], [2, 3, 9, 11, 14], [2, 3, 9, 11, 14, 15], [2, 3, 9, 11, 15], [2, 3, 9, 12, 13], [2, 3, 9, 12,
13, 14], [2, 3, 9, 12, 13, 14, 15], [2, 3, 9, 12, 13, 15], [2, 3, 9, 12, 14], [2, 3, 9, 12, 14, 15], [
2, 3, 9, 13, 15], [2, 3, 9, 14], [2, 3, 9, 14, 15], [2, 3, 9, 15], [2, 3, 10], [2, 3, 10, 11, 12, 13], [
2, 3, 10, 11, 12, 13, 14], [2, 3, 10, 11, 12, 13, 14, 15], [2, 3, 10, 11, 12, 13, 15], [2, 3, 10, 11,
12, 14], [2, 3, 10, 11, 12, 14, 15], [2, 3, 10, 11, 13, 15], [2, 3, 10, 11, 14], [2, 3, 10, 11, 14, 15

], [2, 3, 10, 11, 15], [2, 3, 10, 12, 13], [2, 3, 10, 12, 13, 14], [2, 3, 10, 12, 13, 14, 15], [2, 3, 10, 12, 13, 15], [2, 3, 10, 12, 14], [2, 3, 10, 13, 15], [2, 3, 10, 14], [2, 3, 10, 14, 15], [2, 3, 10, 15], [2, 3, 11, 12, 13], [2, 3, 11, 12, 13, 14, 15], [2, 3, 11, 12, 13, 15], [2, 3, 11, 12, 14], [2, 3, 11, 12, 14, 15], [2, 3, 11, 12, 15], [2, 3, 11, 14, 15], [2, 3, 11, 15], [2, 3, 12, 13], [2, 3, 12, 13, 14, 15], [2, 3, 12, 13, 15], [2, 3, 12, 14], [2, 3, 12, 14, 15], [2, 3, 14, 15], [2, 3, 15],

[2, 4, 5], [2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13], [2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14], [2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15], [2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14], [2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15], [2, 4, 5, 6, 7, 8, 9, 10, 11, 13], [2, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14], [2, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15], [2, 4, 5, 6, 7, 8, 9, 10, 11, 13, 15], [2, 4, 5, 6, 7, 8, 9, 10, 11, 14], [2, 4, 5, 6, 7, 8, 9, 10, 11, 14, 15], [2, 4, 5, 6, 7, 8, 9, 10, 11, 15], [2, 4, 5, 6, 7, 8, 9, 10, 12, 13], [2, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14], [2, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15], [2, 4, 5, 6, 7, 8, 9, 10, 12, 13, 15], [2, 4, 5, 6, 7, 8, 9, 10, 12, 14, 15], [2, 4, 5, 6, 7, 8, 9, 10, 13], [2, 4, 5, 6, 7, 8, 9, 10, 13, 14] , [2, 4, 5, 6, 7, 8, 9, 10, 13, 14, 15], [2, 4, 5, 6, 7, 8, 9, 10, 13, 15], [2, 4, 5, 6, 7, 8, 9, 10, 14], [2, 4, 5, 6, 7, 8, 9, 10, 14, 15] , [2, 4, 5, 6, 7, 8, 9, 11, 12, 13], [2, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14], [2, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15], [2, 4, 5, 6, 7, 8, 9, 11, 12, 13, 15], [2, 4, 5, 6, 7, 8, 9, 11, 12, 14], [2, 4, 5, 6, 7, 8, 9, 11, 12, 14, 15], [2, 4, 5, 6, 7, 8, 9, 11, 13, 14], [2, 4, 5, 6, 7, 8, 9, 11, 13, 14, 15], [2, 4, 5, 6, 7, 8, 9, 11, 13, 15], [2, 4, 5, 6, 7, 8, 9, 11, 14], [2, 4, 5, 6, 7, 8, 9, 11, 14, 15] , [2, 4, 5, 6, 7, 8, 9, 11, 15], [2, 4, 5, 6, 7, 8, 9, 12, 13], [2, 4, 5, 6, 7, 8, 9, 12, 13, 14] , [2, 4, 5, 6, 7, 8, 9, 12, 13, 14, 15], [2, 4, 5, 6, 7, 8, 9, 12, 13, 15], [2, 4, 5, 6, 7, 8, 9, 12, 14], [2, 4, 5, 6, 7, 8, 9, 12, 14, 15] , [2, 4, 5, 6, 7, 8, 9, 13, 14], [2, 4, 5, 6, 7, 8, 9, 13, 14, 15], [2, 4, 5, 6, 7, 8, 9, 13, 15], [2, 4, 5, 6, 7, 8, 9, 14], [2, 4, 5, 6, 7, 8, 9, 14, 15], [2, 4, 5, 6, 7, 8, 10, 11], [2, 4, 5, 6, 7, 8, 10, 11, 12, 13], [2, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14], [2, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15], [2, 4, 5, 6, 7, 8, 10, 11, 12, 13, 15], [2, 4, 5, 6, 7, 8, 10, 11, 12, 14], [2, 4, 5, 6, 7, 8, 10, 11, 12, 14, 15], [2, 4, 5, 6, 7, 8, 10, 11, 13], [2, 4, 5, 6, 7, 8, 10, 11, 13, 14], [2, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15], [2, 4, 5, 6, 7, 8, 10, 11, 13, 15], [2, 4, 5, 6, 7, 8, 10, 11, 14], [2, 4, 5, 6, 7, 8, 10, 11, 14, 15], [2, 4, 5, 6, 7, 8, 10, 11, 15], [2, 4, 5, 6, 7, 8, 10, 12, 13], [2, 4, 5, 6, 7, 8, 10, 12, 13, 14], [2, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15], [2, 4, 5, 6, 7, 8, 10, 12, 13, 15], [2, 4, 5, 6, 7, 8, 10, 12, 14], [2, 4, 5, 6, 7, 8, 10, 12, 14, 15], [2, 4, 5, 6, 7, 8, 10, 13], [2, 4, 5, 6, 7, 8, 10, 13, 14], [2, 4, 5, 6, 7, 8, 10, 13, 14, 15], [2, 4, 5, 6, 7, 8, 10, 13, 15], [2, 4, 5, 6, 7, 8, 10, 14], [2, 4, 5, 6, 7, 8, 10, 14, 15], [2, 4, 5, 6, 7, 8, 10, 15], [2, 4, 5, 6, 7, 8, 11], [2, 4, 5, 6, 7, 8, 11, 12, 13], [2, 4, 5, 6, 7, 8, 11, 12, 13, 14], [2, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15], [2, 4, 5, 6, 7, 8, 11, 12, 13, 15], [2, 4, 5, 6, 7, 8, 11, 12, 14], [2, 4, 5, 6, 7, 8, 11, 12, 14, 15], [2, 4, 5, 6, 7, 8, 11, 13], [2, 4, 5, 6, 7, 8, 11, 13, 14], [2, 4, 5, 6, 7, 8, 11, 13, 14, 15], [2, 4, 5, 6, 7, 8, 11, 13, 15], [2, 4, 5, 6, 7, 8, 11, 14], [2, 4, 5, 6, 7, 8, 11, 14, 15], [2, 4, 5, 6, 7, 8, 11, 15], [2, 4, 5, 6, 7, 8, 12, 13], [2, 4, 5, 6, 7, 8, 12, 13, 14], [2, 4, 5, 6, 7, 8, 12, 13, 14, 15], [2, 4, 5, 6, 7, 8, 12, 13, 15], [2, 4, 5, 6, 7, 8, 12, 14], [2, 4, 5, 6, 7, 8, 12, 14, 15], [2, 4, 5, 6, 7, 8, 13], [2, 4, 5, 6, 7, 8, 13, 14], [2, 4, 5, 6, 7, 8, 13, 14, 15], [2, 4, 5, 6, 7, 8, 13, 15], [2, 4, 5, 6, 7, 8, 14], [2, 4, 5, 6, 7, 8, 14, 15], [2, 4, 5, 6, 7, 8, 15], [2, 4, 5, 6, 7, 9, 10, 11, 12, 13], [2, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14], [2, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15], [2, 4, 5, 6, 7, 9, 10, 11, 12, 13, 15], [2, 4, 5, 6, 7, 9, 10, 11, 12, 14, 15], [2, 4, 5, 6, 7, 9, 10, 11, 13], [2, 4, 5, 6, 7, 9, 10, 11, 13, 14], [2, 4, 5, 6, 7, 9, 10, 11, 13, 14, 15], [2, 4, 5, 6, 7, 9, 10, 11, 13, 15], [2, 4, 5, 6, 7, 9, 10, 11, 14], [2, 4, 5, 6, 7, 9, 10, 11, 14, 15], [2, 4, 5, 6, 7, 9, 10, 12, 13], [2, 4, 5, 6, 7, 9, 10, 12, 13, 14], [2, 4, 5, 6, 7, 9, 10, 12, 13, 14, 15], [2, 4, 5, 6, 7, 9, 10, 12, 13, 15], [2, 4, 5, 6, 7, 9, 10, 13], [2, 4, 5, 6, 7, 9, 10, 13, 14], [2, 4, 5, 6, 7, 9, 10, 13, 14, 15], [2, 4, 5, 6, 7, 9, 10, 13, 15], [2, 4, 5, 6, 7, 9, 10, 14], [2, 4, 5, 6, 7, 9, 10, 14, 15], [2, 4, 5, 6, 7, 9, 11, 12, 13], [2, 4, 5, 6, 7, 9, 11, 12, 13, 14], [2, 4, 5, 6, 7, 9, 11, 12, 13, 14, 15], [2, 4, 5, 6, 7, 9, 11, 12, 13, 15], [2, 4, 5, 6, 7, 9, 11, 12, 14], [2, 4, 5, 6, 7, 9, 11, 12, 14, 15], [2, 4, 5, 6, 7, 9, 11, 13], [2, 4, 5, 6, 7, 9, 11, 13, 14], [2, 4, 5, 6, 7, 9, 11, 13, 14, 15], [2, 4, 5, 6, 7, 9, 11, 13, 15], [2, 4, 5, 6, 7, 9, 11, 14], [2, 4, 5, 6, 7, 9, 11, 14, 15], [2, 4, 5, 6, 7, 9, 12, 13], [2, 4, 5, 6, 7, 9, 12, 13, 14], [2, 4, 5, 6, 7, 9, 12, 13, 14, 15], [2, 4, 5, 6, 7, 9, 12, 13, 15], [2, 4, 5, 6, 7, 9, 13, 14], [2, 4, 5, 6, 7, 9, 13, 14, 15], [2, 4, 5, 6, 7, 9, 13, 15], [2, 4, 5, 6, 7, 9, 14], [2, 4, 5, 6, 7, 9, 14, 15], [2, 4, 5, 6, 7, 10, 11, 12, 13], [2, 4, 5, 6, 7, 10, 11, 12, 13, 14], [2, 4, 5, 6, 7, 10, 11, 12, 13, 14, 15], [2, 4, 5, 6, 7, 10, 11, 12, 13, 15], [2, 4, 5, 6, 7, 10, 11, 12, 14], [2, 4, 5, 6, 7, 10, 11, 12, 14, 15], [2, 4, 5, 6, 7, 10, 11, 13], [2, 4, 5, 6, 7, 10, 11, 13, 14], [2, 4, 5, 6, 7, 10, 11, 13, 14, 15], [2, 4, 5, 6, 7, 10, 11, 13, 15], [2, 4, 5, 6, 7, 10, 11, 14], [2, 4, 5, 6, 7, 10, 11, 14, 15], [2, 4, 5, 6, 7, 10, 11, 15], [2, 4, 5, 6, 7, 10, 12, 13], [2, 4, 5, 6, 7, 10, 12, 13, 14], [2, 4, 5, 6, 7, 10, 12, 13, 14, 15], [2, 4, 5, 6, 7, 10, 12, 13, 15], [2, 4, 5, 6, 7, 10, 12, 14, 15] , [2, 4, 5, 6, 7, 10, 13], [2, 4, 5, 6, 7, 10, 13, 14], [2, 4, 5, 6, 7, 10, 13, 14, 15], [2, 4, 5, 6, 7, 10, 13, 15], [2, 4, 5, 6, 7, 10, 14], [2, 4, 5, 6, 7, 10, 14, 15], [2, 4, 5, 6, 7, 11, 12, 13], [2, 4, 5, 6, 7, 11, 12, 13, 14], [2, 4, 5, 6, 7, 11, 12, 13, 14, 15], [2, 4, 5, 6, 7, 11, 12, 13, 15], [2, 4, 5, 6, 7, 11, 12, 14], [2, 4, 5, 6, 7, 11, 12, 14, 15], [2, 4, 5, 6, 7, 11, 13], [2, 4, 5, 6, 7, 11, 13, 14], [2, 4, 5, 6, 7, 11, 13, 14, 15], [2, 4, 5, 6, 7, 11, 13, 15], [2, 4, 5, 6, 7, 11, 14], [2, 4, 5, 6, 7, 11, 14, 15], [2, 4, 5, 6, 7, 11, 15], [2, 4, 5, 6, 7, 12, 13], [2, 4, 5, 6, 7, 12, 13, 14], [2, 4, 5, 6, 7, 12, 13, 14, 15], [2, 4, 5, 6, 7, 12, 13, 15], [2, 4, 5, 6, 7, 12, 14, 15], [2, 4, 5, 6, 7, 13], [2, 4, 5, 6, 7, 13, 14], [2, 4, 5, 6, 7, 13, 14, 15], [2, 4, 5, 6, 7, 13, 15], [2, 4, 5, 6, 7, 14], [2, 4, 5, 6, 7, 14, 15], [2, 4, 5, 6, 8], [2, 4, 5, 6, 8, 9], [2, 4, 5, 6, 8, 9, 10], [2, 4, 5, 6, 8, 9, 10, 11], [2, 4, 5, 6, 8, 9, 10, 11, 12, 13], [2, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14], [2, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15], [2, 4, 5, 6, 8, 9, 10, 11, 12, 13, 15], [2, 4, 5, 6, 8, 9, 10, 11, 12, 14], [2, 4, 5, 6, 8, 9, 10, 11, 12, 14, 15], [2, 4, 5, 6, 8, 9, 10, 11, 12, 15], [2, 4, 5, 6, 8, 9, 10, 11, 13], [2, 4, 5, 6, 8, 9, 10, 11, 13, 15], [2, 4, 5, 6, 8, 9, 10, 11, 14], [2, 4, 5, 6, 8, 9, 10, 11, 14, 15], [2, 4, 5, 6, 8, 9, 10, 11, 15], [2, 4, 5, 6, 8, 9, 10, 12, 13], [2, 4, 5, 6, 8, 9, 10, 12, 13, 14], [2, 4, 5, 6, 8, 9, 10, 12, 13, 14, 15], [2, 4, 5, 6, 8, 9, 10, 12, 13, 15], [2, 4, 5, 6, 8, 9, 10, 12, 14], [2, 4, 5, 6, 8, 9, 10, 12, 14, 15], [2, 4, 5, 6, 8, 9, 10, 13], [2, 4, 5, 6, 8, 9, 10, 13, 15], [2, 4, 5, 6, 8, 9, 10, 14], [2, 4, 5, 6, 8, 9, 10, 14, 15], [2, 4, 5, 6, 8, 9, 10, 15], [2, 4, 5, 6, 8, 9, 11], [2, 4, 5, 6, 8, 9, 11, 12, 13], [2, 4, 5, 6, 8, 9, 11, 12, 13, 14], [2, 4, 5, 6, 8, 9, 11, 12, 13, 14, 15], [2, 4, 5, 6, 8, 9, 11, 12, 13, 15], [2, 4, 5, 6, 8, 9, 11, 12, 14], [2, 4, 5, 6, 8, 9, 11, 12, 14, 15], [2, 4, 5, 6, 8, 9, 11, 12, 15], [2, 4, 5, 6, 8, 9, 11, 13, 15], [2, 4, 5, 6, 8, 9, 11, 14], [2, 4, 5, 6, 8, 9, 11, 14, 15], [2, 4, 5, 6, 8, 9, 11, 15], [2, 4, 5, 6, 8, 9, 12, 13], [2, 4, 5, 6, 8, 9, 12, 13, 14], [2, 4, 5, 6, 8, 9, 12, 13, 14, 15], [2, 4, 5, 6, 8, 9, 12, 13, 15], [2, 4, 5, 6, 8, 9, 12, 14], [2, 4, 5, 6, 8, 9, 12, 14, 15], [2, 4, 5, 6, 8, 9, 13, 15], [2, 4, 5, 6, 8, 9, 14], [2, 4, 5, 6, 8, 9, 14, 15], [2, 4, 5, 6, 8, 9, 15], [2, 4, 5, 6, 8, 10], [2, 4, 5, 6, 8, 10, 11], [2, 4, 5, 6, 8, 10, 11, 12], [2, 4, 5, 6, 8, 10, 11, 12, 13], [2, 4, 5, 6, 8, 10, 11, 12, 13, 14], [2, 4, 5, 6, 8, 10, 11, 12, 13, 14, 15], [2, 4, 5, 6, 8, 10, 11, 12, 13, 15], [2, 4, 5, 6, 8, 10, 11, 12, 14], [2, 4, 5, 6, 8, 10, 11, 12, 14, 15], [2, 4, 5, 6, 8, 10, 11, 12, 15], [2, 4, 5, 6, 8, 10, 11, 13], [2, 4, 5, 6, 8, 10, 11, 13, 15], [2, 4, 5, 6, 8, 10, 11, 14], [2, 4, 5, 6, 8, 10, 11, 14, 15], [2, 4, 5, 6, 8, 10, 11, 15], [2, 4, 5, 6, 8, 10, 12, 13], [2, 4, 5, 6, 8, 10, 12, 13, 14], [2, 4, 5, 6, 8, 10, 12, 13, 14, 15], [2, 4, 5, 6, 8, 10, 12, 13, 15], [2, 4, 5, 6, 8, 10, 12, 14], [2, 4, 5, 6, 8, 10, 12, 14, 15], [2, 4, 5, 6, 8, 10, 12, 15], [2, 4, 5, 6, 8, 10, 13], [2, 4, 5, 6, 8, 10, 13, 15], [2, 4, 5, 6, 8, 10, 14], [2, 4, 5, 6, 8, 10, 14, 15], [2, 4, 5, 6, 8, 10, 15], [2, 4, 5, 6, 8, 11], [2, 4, 5, 6, 8, 11, 12], [2, 4, 5, 6, 8, 11, 12, 13], [2, 4, 5, 6, 8, 11, 12, 13, 14], [2, 4, 5, 6, 8, 11, 12, 13, 14, 15], [2, 4, 5, 6, 8, 11, 12, 13, 15], [2, 4, 5, 6, 8, 11, 12, 14], [2, 4, 5, 6, 8, 11, 12, 14, 15], [2, 4, 5, 6, 8, 11, 12, 15], [2, 4, 5, 6, 8, 11, 13, 15], [2, 4, 5, 6, 8, 11, 14], [2, 4, 5, 6, 8, 11, 14, 15], [2, 4, 5, 6, 8, 11, 15], [2, 4, 5, 6, 8, 12, 13], [2, 4, 5, 6, 8, 12, 13, 14], [2, 4, 5, 6, 8, 12, 13, 14, 15], [2, 4, 5, 6, 8, 12, 13, 15], [2, 4, 5, 6, 8, 12, 14], [2, 4, 5, 6, 8,

12, 14, 15], [2, 4, 5, 6, 8, 12, 15], [2, 4, 5, 6, 8, 13, 15], [2, 4, 5, 6, 8, 14], [2, 4, 5, 6, 8, 14,
15], [2, 4, 5, 6, 8, 15], [2, 4, 5, 6, 9], [2, 4, 5, 6, 9, 10], [2, 4, 5, 6, 9, 10, 11, 12, 13], [2, 4, 5,
6, 9, 10, 11, 12, 13, 14], [2, 4, 5, 6, 9, 10, 11, 12, 13, 14, 15], [2, 4, 5, 6, 9, 10, 11, 12, 13, 15], [
2, 4, 5, 6, 9, 10, 11, 12, 14], [2, 4, 5, 6, 9, 10, 11, 12, 14, 15], [2, 4, 5, 6, 9, 10, 11, 13], [2, 4,
5, 6, 9, 10, 11, 13, 15], [2, 4, 5, 6, 9, 10, 11, 14, 15], [2, 4, 5, 6, 9, 10, 11, 15], [2, 4, 5, 6, 9,
10, 12, 13], [2, 4, 5, 6, 9, 10, 12, 13, 14], [2, 4, 5, 6, 9, 10, 12, 13, 14, 15], [2, 4, 5, 6, 9, 10,
12, 13, 15], [2, 4, 5, 6, 9, 10, 12, 14], [2, 4, 5, 6, 9, 10, 12, 14, 15], [2, 4, 5, 6, 9, 10, 13], [2,
4, 5, 6, 9, 10, 13, 15], [2, 4, 5, 6, 9, 10, 14], [2, 4, 5, 6, 9, 10, 14, 15], [2, 4, 5, 6, 9, 10, 15], [
2, 4, 5, 6, 9, 11, 12, 13], [2, 4, 5, 6, 9, 11, 12, 13, 14], [2, 4, 5, 6, 9, 11, 12, 13, 14, 15], [2, 4,
5, 6, 9, 11, 12, 13, 15], [2, 4, 5, 6, 9, 11, 12, 14], [2, 4, 5, 6, 9, 11, 12, 14, 15], [2, 4, 5, 6, 9,
11, 13], [2, 4, 5, 6, 9, 11, 13, 15], [2, 4, 5, 6, 9, 11, 14], [2, 4, 5, 6, 9, 11, 14, 15], [2, 4, 5, 6,
9, 11, 15], [2, 4, 5, 6, 9, 12, 13], [2, 4, 5, 6, 9, 12, 13, 14], [2, 4, 5, 6, 9, 12, 13, 14, 15], [2, 4,
5, 6, 9, 12, 13, 15], [2, 4, 5, 6, 9, 12, 14], [2, 4, 5, 6, 9, 12, 14, 15], [2, 4, 5, 6, 9, 13], [2, 4, 5,
6, 9, 13, 15], [2, 4, 5, 6, 9, 14], [2, 4, 5, 6, 9, 14, 15], [2, 4, 5, 6, 9, 15], [2, 4, 5, 6, 10, 11, 12,
13, 14], [2, 4, 5, 6, 10, 11, 12, 13, 14, 15], [2, 4, 5, 6, 10, 11, 12, 13, 15], [2, 4, 5, 6, 10, 11, 12,
14, 15], [2, 4, 5, 6, 10, 11, 12, 15], [2, 4, 5, 6, 10, 11, 13, 15], [2, 4, 5, 6, 10, 11, 14, 15], [2,
4, 5, 6, 10, 11, 15], [2, 4, 5, 6, 10, 12, 13], [2, 4, 5, 6, 10, 12, 13, 14], [2, 4, 5, 6, 10, 12, 13,
14, 15], [2, 4, 5, 6, 10, 12, 13, 15], [2, 4, 5, 6, 10, 12, 14], [2, 4, 5, 6, 10, 12, 14, 15], [2, 4, 5,
6, 10, 13, 15], [2, 4, 5, 6, 10, 14], [2, 4, 5, 6, 10, 14, 15], [2, 4, 5, 6, 10, 15], [2, 4, 5, 6, 11,
12, 13], [2, 4, 5, 6, 11, 12, 13, 14], [2, 4, 5, 6, 11, 12, 13, 14, 15], [2, 4, 5, 6, 11, 12, 13, 15], [
2, 4, 5, 6, 11, 12, 14, 15], [2, 4, 5, 6, 11, 12, 15], [2, 4, 5, 6, 11, 13, 15], [2, 4, 5, 6, 11, 14, 15
], [2, 4, 5, 6, 11, 15], [2, 4, 5, 6, 12, 13], [2, 4, 5, 6, 12, 13, 14], [2, 4, 5, 6, 12, 13, 14, 15], [

2, 4, 5, 6, 12, 13, 15], [2, 4, 5, 6, 12, 14], [2, 4, 5, 6, 12, 14, 15], [2, 4, 5, 6, 13, 15], [2, 4, 5, 6, 14], [2, 4, 5, 6, 14, 15], [2, 4, 5, 6, 15], [2, 4, 5, 7, 8, 9, 10, 11], [2, 4, 5, 7, 8, 9, 10, 11, 12, 13], [2, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14], [2, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 4, 5, 7, 8, 9, 10, 11, 12, 13, 15], [2, 4, 5, 7, 8, 9, 10, 11, 12, 14], [2, 4, 5, 7, 8, 9, 10, 11, 12, 14, 15], [2, 4, 5, 7, 8, 9, 10, 11, 13], [2, 4, 5, 7, 8, 9, 10, 11, 13, 14], [2, 4, 5, 7, 8, 9, 10, 11, 13, 14, 15], [2, 4, 5, 7, 8, 9, 10, 11, 13, 15], [2, 4, 5, 7, 8, 9, 10, 11, 14], [2, 4, 5, 7, 8, 9, 10, 11, 14, 15], [2, 4, 5, 7, 8, 9, 10, 11, 15], [2, 4, 5, 7, 8, 9, 10, 12, 13], [2, 4, 5, 7, 8, 9, 10, 12, 13, 14], [2, 4, 5, 7, 8, 9, 10, 12, 13, 14, 15], [2, 4, 5, 7, 8, 9, 10, 12, 13, 15], [2, 4, 5, 7, 8, 9, 10, 12, 14], [2, 4, 5, 7, 8, 9, 10, 12, 14, 15], [2, 4, 5, 7, 8, 9, 10, 13], [2, 4, 5, 7, 8, 9, 10, 13, 14], [2, 4, 5, 7, 8, 9, 10, 13, 14, 15], [2, 4, 5, 7, 8, 9, 10, 13, 15], [2, 4, 5, 7, 8, 9, 10, 14], [2, 4, 5, 7, 8, 9, 10, 14, 15], [2, 4, 5, 7, 8, 9, 11], [2, 4, 5, 7, 8, 9, 11, 12, 13], [2, 4, 5, 7, 8, 9, 11, 12, 13, 14], [2, 4, 5, 7, 8, 9, 11, 12, 13, 14, 15], [2, 4, 5, 7, 8, 9, 11, 12, 13, 15], [2, 4, 5, 7, 8, 9, 11, 12, 14], [2, 4, 5, 7, 8, 9, 11, 12, 14, 15], [2, 4, 5, 7, 8, 9, 11, 13, 14], [2, 4, 5, 7, 8, 9, 11, 13, 14, 15], [2, 4, 5, 7, 8, 9, 11, 13, 15], [2, 4, 5, 7, 8, 9, 11, 14], [2, 4, 5, 7, 8, 9, 11, 14, 15], [2, 4, 5, 7, 8, 9, 11, 15], [2, 4, 5, 7, 8, 9, 12, 13], [2, 4, 5, 7, 8, 9, 12, 13, 14], [2, 4, 5, 7, 8, 9, 12, 13, 14, 15], [2, 4, 5, 7, 8, 9, 12, 13, 15], [2, 4, 5, 7, 8, 9, 12, 14], [2, 4, 5, 7, 8, 9, 12, 14, 15], [2, 4, 5, 7, 8, 9, 13, 14], [2, 4, 5, 7, 8, 9, 13, 14, 15], [2, 4, 5, 7, 8, 9, 13, 15], [2, 4, 5, 7, 8, 9, 14], [2, 4, 5, 7, 8, 9, 14, 15], [2, 4, 5, 7, 8, 9, 15], [2, 4, 5, 7, 8, 10, 11], [2, 4, 5, 7, 8, 10, 11, 12, 13], [2, 4, 5, 7, 8, 10, 11, 12, 13, 14], [2, 4, 5, 7, 8, 10, 11, 12, 13, 14, 15], [2, 4, 5, 7, 8, 10, 11, 12, 13, 15], [2, 4, 5, 7, 8, 10, 11, 12, 14], [2, 4, 5, 7, 8, 10, 11, 12, 14, 15], [2, 4, 5, 7, 8, 10, 11, 13], [2, 4, 5, 7, 8, 10, 11, 13, 14], [2, 4, 5, 7, 8, 10, 11, 13, 14, 15], [2, 4, 5, 7, 8, 10, 11, 13, 15], [2, 4, 5, 7, 8, 10, 11, 14], [2, 4, 5, 7, 8, 10, 11, 14, 15], [2, 4, 5, 7, 8, 10, 11, 15], [2, 4, 5, 7, 8, 10, 12, 13], [

2, 4, 5, 7, 8, 10, 12, 13, 14], [2, 4, 5, 7, 8, 10, 12, 13, 14, 15], [2, 4, 5, 7, 8, 10, 12, 13, 15], [2, 4, 5, 7, 8, 10, 12, 14], [2, 4, 5, 7, 8, 10, 12, 14, 15], [2, 4, 5, 7, 8, 10, 13], [2, 4, 5, 7, 8, 10, 13, 14], [2, 4, 5, 7, 8, 10, 13, 14, 15], [2, 4, 5, 7, 8, 10, 13, 15], [2, 4, 5, 7, 8, 10, 14], [2, 4, 5, 7, 8, 10, 14, 15], [2, 4, 5, 7, 8, 10, 15], [2, 4, 5, 7, 8, 11], [2, 4, 5, 7, 8, 11, 12, 13], [2, 4, 5, 7, 8, 11, 12, 13, 14], [2, 4, 5, 7, 8, 11, 12, 13, 14, 15], [2, 4, 5, 7, 8, 11, 12, 13, 15], [2, 4, 5, 7, 8, 11, 12, 14], [2, 4, 5, 7, 8, 11, 12, 14, 15], [2, 4, 5, 7, 8, 11, 13], [2, 4, 5, 7, 8, 11, 13, 14, 15], [2, 4, 5, 7, 8, 11, 13, 15], [2, 4, 5, 7, 8, 11, 14], [2, 4, 5, 7, 8, 11, 14, 15], [2, 4, 5, 7, 8, 11, 15], [2, 4, 5, 7, 8, 12, 13], [2, 4, 5, 7, 8, 12, 13, 14], [2, 4, 5, 7, 8, 12, 13, 14, 15], [2, 4, 5, 7, 8, 12, 13, 15], [2, 4, 5, 7, 8, 12, 14], [2, 4, 5, 7, 8, 12, 14, 15], [2, 4, 5, 7, 8, 13], [2, 4, 5, 7, 8, 13, 14, 15], [2, 4, 5, 7, 8, 13, 15], [2, 4, 5, 7, 8, 14], [2, 4, 5, 7, 8, 14, 15], [2, 4, 5, 7, 8, 15], [2, 4, 5, 7, 9, 10, 11, 12, 13], [2, 4, 5, 7, 9, 10, 11, 12, 13, 14], [2, 4, 5, 7, 9, 10, 11, 12, 13, 14, 15], [2, 4, 5, 7, 9, 10, 11, 12, 13, 15], [2, 4, 5, 7, 9, 10, 11, 12, 14], [2, 4, 5, 7, 9, 10, 11, 12, 14, 15], [2, 4, 5, 7, 9, 10, 11, 13], [2, 4, 5, 7, 9, 10, 11, 13, 14], [2, 4, 5, 7, 9, 10, 11, 13, 14, 15], [2, 4, 5, 7, 9, 10, 11, 13, 15], [2, 4, 5, 7, 9, 10, 11, 14], [2, 4, 5, 7, 9, 10, 11, 14, 15], [2, 4, 5, 7, 9, 10, 12, 13], [2, 4, 5, 7, 9, 10, 12, 13, 14], [2, 4, 5, 7, 9, 10, 12, 13, 14, 15], [2, 4, 5, 7, 9, 10, 12, 13, 15], [2, 4, 5, 7, 9, 10, 12, 14, 15] , [2, 4, 5, 7, 9, 10, 13], [2, 4, 5, 7, 9, 10, 13, 14], [2, 4, 5, 7, 9, 10, 13, 14, 15], [2, 4, 5, 7, 9, 10, 13, 15], [2, 4, 5, 7, 9, 10, 14], [2, 4, 5, 7, 9, 10, 14, 15], [2, 4, 5, 7, 9, 11, 12, 13], [2, 4, 5, 7, 9, 11, 12, 13, 14], [2, 4, 5, 7, 9, 11, 12, 13, 14, 15], [2, 4, 5, 7, 9, 11, 12, 13, 15], [2, 4, 5, 7, 9, 11, 12, 14], [2, 4, 5, 7, 9, 11, 12, 14, 15], [2, 4, 5, 7, 9, 11, 13, 14], [2, 4, 5, 7, 9, 11, 13, 14, 15], [2, 4, 5, 7, 9, 11, 13, 15], [2, 4, 5, 7, 9, 11, 14], [2, 4, 5, 7, 9, 11, 14, 15], [2, 4, 5, 7, 9, 11, 15], [2, 4, 5, 7, 9, 12, 13], [2, 4, 5, 7, 9, 12, 13, 14], [2, 4, 5, 7, 9, 12, 13, 14, 15], [2, 4, 5, 7, 9, 12, 13, 15], [2, 4, 5, 7, 9, 12, 14, 15], [2, 4, 5, 7, 9,

13, 14], [2, 4, 5, 7, 9, 13, 14, 15], [2, 4, 5, 7, 9, 13, 15], [2, 4, 5, 7, 9, 14], [2, 4, 5, 7, 9, 14,
15], [2, 4, 5, 7, 10, 11, 12, 13], [2, 4, 5, 7, 10, 11, 12, 13, 14], [2, 4, 5, 7, 10, 11, 12, 13, 14, 15
], [2, 4, 5, 7, 10, 11, 12, 13, 15], [2, 4, 5, 7, 10, 11, 12, 14], [2, 4, 5, 7, 10, 11, 12, 14, 15], [2,
4, 5, 7, 10, 11, 13], [2, 4, 5, 7, 10, 11, 13, 14], [2, 4, 5, 7, 10, 11, 13, 14, 15], [2, 4, 5, 7, 10,
11, 13, 15], [2, 4, 5, 7, 10, 11, 14], [2, 4, 5, 7, 10, 11, 14, 15], [2, 4, 5, 7, 10, 11, 15], [2, 4, 5,
7, 10, 12, 13], [2, 4, 5, 7, 10, 12, 13, 14], [2, 4, 5, 7, 10, 12, 13, 14, 15], [2, 4, 5, 7, 10, 12, 13,
15], [2, 4, 5, 7, 10, 12, 14], [2, 4, 5, 7, 10, 12, 14, 15], [2, 4, 5, 7, 10, 13], [2, 4, 5, 7, 10, 13,
14], [2, 4, 5, 7, 10, 13, 14, 15], [2, 4, 5, 7, 10, 13, 15], [2, 4, 5, 7, 10, 14], [2, 4, 5, 7, 10, 14,
15], [2, 4, 5, 7, 11, 12, 13], [2, 4, 5, 7, 11, 12, 13, 14], [2, 4, 5, 7, 11, 12, 13, 14, 15], [2, 4, 5,
7, 11, 12, 13, 15], [2, 4, 5, 7, 11, 12, 14], [2, 4, 5, 7, 11, 12, 14, 15], [2, 4, 5, 7, 11, 13], [2, 4,
5, 7, 11, 13, 14, 15], [2, 4, 5, 7, 11, 13, 15], [2, 4, 5, 7, 11, 14], [2, 4, 5, 7, 11, 14, 15], [2, 4,
5, 7, 11, 15], [2, 4, 5, 7, 12, 13], [2, 4, 5, 7, 12, 13, 14], [2, 4, 5, 7, 12, 13, 14, 15], [2, 4, 5, 7,
12, 13, 15], [2, 4, 5, 7, 12, 14], [2, 4, 5, 7, 12, 14, 15], [2, 4, 5, 7, 13], [2, 4, 5, 7, 13, 14, 15],
[2, 4, 5, 7, 13, 15], [2, 4, 5, 7, 14], [2, 4, 5, 7, 14, 15], [2, 4, 5, 8], [2, 4, 5, 8, 9], [2, 4, 5, 8,
9, 10], [2, 4, 5, 8, 9, 10, 11], [2, 4, 5, 8, 9, 10, 11, 12], [2, 4, 5, 8, 9, 10, 11, 12, 13], [2, 4, 5,
8, 9, 10, 11, 12, 13, 14], [2, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15], [2, 4, 5, 8, 9, 10, 11, 12, 13, 15], [
2, 4, 5, 8, 9, 10, 11, 12, 14], [2, 4, 5, 8, 9, 10, 11, 12, 14, 15], [2, 4, 5, 8, 9, 10, 11, 12, 15], [2,
4, 5, 8, 9, 10, 11, 13], [2, 4, 5, 8, 9, 10, 11, 13, 15], [2, 4, 5, 8, 9, 10, 11, 14], [2, 4, 5, 8, 9, 10,
11, 14, 15], [2, 4, 5, 8, 9, 10, 11, 15], [2, 4, 5, 8, 9, 10, 12, 13], [2, 4, 5, 8, 9, 10, 12, 13, 14], [
2, 4, 5, 8, 9, 10, 12, 13, 14, 15], [2, 4, 5, 8, 9, 10, 12, 13, 15], [2, 4, 5, 8, 9, 10, 12, 14], [2, 4,
5, 8, 9, 10, 12, 14, 15], [2, 4, 5, 8, 9, 10, 13], [2, 4, 5, 8, 9, 10, 13, 15], [2, 4, 5, 8, 9, 10, 14], [
2, 4, 5, 8, 9, 10, 14, 15], [2, 4, 5, 8, 9, 10, 15], [2, 4, 5, 8, 9, 11], [2, 4, 5, 8, 9, 11, 12], [2, 4,

5, 8, 9, 11, 12, 13], [2, 4, 5, 8, 9, 11, 12, 13, 14], [2, 4, 5, 8, 9, 11, 12, 13, 14, 15], [2, 4, 5, 8, 9, 11, 12, 13, 15], [2, 4, 5, 8, 9, 11, 12, 14], [2, 4, 5, 8, 9, 11, 12, 14, 15], [2, 4, 5, 8, 9, 11, 12, 15], [2, 4, 5, 8, 9, 11, 13, 15], [2, 4, 5, 8, 9, 11, 14], [2, 4, 5, 8, 9, 11, 14, 15], [2, 4, 5, 8, 9, 11, 15], [2, 4, 5, 8, 9, 12, 13], [2, 4, 5, 8, 9, 12, 13, 14], [2, 4, 5, 8, 9, 12, 13, 14, 15], [2, 4, 5, 8, 9, 12, 13, 15], [2, 4, 5, 8, 9, 12, 14], [2, 4, 5, 8, 9, 12, 14, 15], [2, 4, 5, 8, 9, 12, 15], [2, 4, 5, 8, 9, 13, 15], [2, 4, 5, 8, 9, 14], [2, 4, 5, 8, 9, 14, 15], [2, 4, 5, 8, 9, 15], [2, 4, 5, 8, 10], [2, 4, 5, 8, 10, 11], [2, 4, 5, 8, 10, 11, 12], [2, 4, 5, 8, 10, 11, 12, 13], [2, 4, 5, 8, 10, 11, 12, 13, 14], [2, 4, 5, 8, 10, 11, 12, 13, 14, 15], [2, 4, 5, 8, 10, 11, 12, 13, 15], [2, 4, 5, 8, 10, 11, 12, 14], [2, 4, 5, 8, 10, 11, 12, 14, 15], [2, 4, 5, 8, 10, 11, 12, 15], [2, 4, 5, 8, 10, 11, 13, 15], [2, 4, 5, 8, 10, 11, 14], [2, 4, 5, 8, 10, 11, 14, 15], [2, 4, 5, 8, 10, 11, 15], [2, 4, 5, 8, 10, 12, 13], [2, 4, 5, 8, 10, 12, 13, 14], [2, 4, 5, 8, 10, 12, 13, 14, 15], [2, 4, 5, 8, 10, 12, 13, 15], [2, 4, 5, 8, 10, 12, 14], [2, 4, 5, 8, 10, 12, 14, 15], [2, 4, 5, 8, 10, 12, 15], [2, 4, 5, 8, 10, 13, 15], [2, 4, 5, 8, 10, 14], [2, 4, 5, 8, 10, 14, 15], [2, 4, 5, 8, 10, 15], [2, 4, 5, 8, 11], [2, 4, 5, 8, 11, 12], [2, 4, 5, 8, 11, 12, 13], [2, 4, 5, 8, 11, 12, 13, 14, 15], [2, 4, 5, 8, 11, 12, 13, 15], [2, 4, 5, 8, 11, 12, 14], [2, 4, 5, 8, 11, 12, 14, 15], [2, 4, 5, 8, 11, 12, 15], [2, 4, 5, 8, 11, 14], [2, 4, 5, 8, 11, 14, 15], [2, 4, 5, 8, 11, 15], [2, 4, 5, 8, 12, 13], [2, 4, 5, 8, 12, 13, 14, 15], [2, 4, 5, 8, 12, 13, 15], [2, 4, 5, 8, 12, 14], [2, 4, 5, 8, 12, 14, 15], [2, 4, 5, 8, 12, 15], [2, 4, 5, 8, 14], [2, 4, 5, 8, 14, 15], [2, 4, 5, 8, 15], [2, 4, 5, 9], [2, 4, 5, 9, 10], [2, 4, 5, 9, 10, 11, 12, 13], [2, 4, 5, 9, 10, 11, 12, 13, 14], [2, 4, 5, 9, 10, 11, 12, 13, 14, 15], [2, 4, 5, 9, 10, 11, 12, 13, 15], [2, 4, 5, 9, 10, 11, 12, 14], [2, 4, 5, 9, 10, 11, 12, 14, 15], [2, 4, 5, 9, 10, 11, 13], [2, 4, 5, 9, 10, 11, 13, 15], [2, 4, 5, 9, 10, 11, 14], [2, 4, 5, 9, 10, 11, 14, 15], [2, 4, 5, 9, 10, 11, 15], [2, 4, 5, 9, 10, 12, 13], [2, 4, 5, 9, 10, 12, 13, 14], [2, 4, 5, 9, 10, 12, 13, 14, 15], [2, 4, 5, 9, 10, 12, 13, 15], [2, 4, 5, 9, 10, 12, 14], [2, 4, 5, 9, 10, 12, 14, 15], [2, 4, 5, 9, 10, 13], [2, 4, 5, 9, 10, 13, 15], [2, 4, 5, 9, 10, 14], [2, 4, 5, 9, 10, 14, 15], [2, 4, 5, 9, 10, 15], [2, 4, 5, 9, 11], [2, 4, 5, 9, 11, 12, 13], [2, 4, 5, 9, 11, 12, 13, 14], [2, 4, 5, 9, 11, 12, 13, 14, 15], [2, 4, 5, 9, 11, 12, 13, 15], [2, 4, 5, 9, 11, 12, 14], [2, 4, 5, 9, 11, 12, 14, 15], [2, 4, 5, 9, 11, 12, 15], [2, 4, 5, 9, 11, 13, 15], [2, 4, 5, 9, 11, 14], [2, 4, 5, 9, 11, 14, 15], [2, 4, 5, 9, 11, 15], [2, 4, 5, 9, 12, 13], [2, 4, 5, 9, 12, 13, 14], [2, 4, 5, 9, 12, 13, 14, 15], [2, 4, 5, 9, 12, 13, 15], [2, 4, 5, 9, 12, 14], [2, 4, 5, 9, 12, 14, 15], [2, 4, 5, 9, 13, 15], [2, 4, 5, 9, 14], [2, 4, 5, 9, 14, 15], [2, 4, 5, 9, 15], [2, 4, 5, 10], [2, 4, 5, 10, 11, 12, 13], [2, 4, 5, 10, 11, 12, 13, 14], [2, 4, 5, 10, 11, 12, 13, 14, 15] , [2, 4, 5, 10, 11, 12, 13, 15], [2, 4, 5, 10, 11, 12, 14, 15], [2, 4, 5, 10, 11, 12, 15], [2, 4, 5, 10, 11, 13, 15], [2, 4, 5, 10, 11, 14, 15], [2, 4, 5, 10, 11, 15], [2, 4, 5, 10, 12, 13], [2, 4, 5, 10, 12, 13, 14], [2, 4, 5, 10, 12, 13, 14, 15], [2, 4, 5, 10, 12, 13, 15], [2, 4, 5, 10, 12, 14], [2, 4, 5, 10, 12, 14, 15], [2, 4, 5, 10, 13, 15], [2, 4, 5, 10, 14], [2, 4, 5, 10, 14, 15], [2, 4, 5, 10, 15], [2, 4, 5, 11, 12, 13], [2, 4, 5, 11, 12, 13, 14, 15], [2, 4, 5, 11, 12, 13, 15], [2, 4, 5, 11, 12, 14], [2, 4, 5, 11, 12, 14, 15], [2, 4, 5, 11, 12, 15], [2, 4, 5, 11, 14], [2, 4, 5, 11, 14, 15], [2, 4, 5, 11, 15], [2, 4, 5, 12, 13], [2, 4, 5, 12, 13, 14, 15], [2, 4, 5, 12, 13, 15], [2, 4, 5, 12, 14], [2, 4, 5, 12, 14, 15], [2, 4, 5, 14, 15], [2, 4, 5, 15], [2, 4, 6, 7, 8, 9, 10, 11, 12, 13], [2, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14], [2, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 4, 6, 7, 8, 9, 10, 11, 12, 13, 15], [2, 4, 6, 7, 8, 9, 10, 11, 13], [2, 4, 6, 7, 8, 9, 10, 11, 13, 14], [2, 4, 6, 7, 8, 9, 10, 11, 13, 14, 15], [2, 4, 6, 7, 8, 9, 10, 11, 13, 15], [2, 4, 6, 7, 8, 9, 10, 11, 14], [2, 4, 6, 7, 8, 9, 10, 11, 14, 15], [2, 4, 6, 7, 8, 9, 10, 12, 13, 14], [2, 4, 6, 7, 8, 9, 10, 12, 13, 14, 15], [2, 4, 6, 7, 8, 9, 10, 12, 13, 15], [2, 4, 6, 7, 8, 9, 10, 13], [2, 4, 6, 7, 8, 9, 10, 13, 14], [2, 4, 6, 7, 8, 9, 10, 13, 14, 15], [2, 4, 6, 7, 8, 9, 10, 13, 15], [2, 4, 6, 7, 8, 9, 10, 14], [2, 4, 6, 7, 8, 9, 10, 14, 15], [2, 4, 6, 7, 8, 9, 11, 12, 13], [2, 4, 6, 7, 8, 9, 11, 12, 13, 14], [2, 4, 6, 7, 8, 9, 11, 12, 13, 14, 15], [2, 4, 6, 7, 8, 9, 11, 12, 13, 15], [2, 4, 6, 7, 8, 9, 11, 13, 14], [2, 4, 6, 7, 8, 9, 11, 13, 14, 15], [2, 4, 6, 7, 8, 9, 11, 13, 15], [2, 4, 6, 7, 8, 9, 11, 14], [2, 4, 6, 7, 8, 9, 11, 14, 15], [2, 4, 6, 7, 8, 9, 12, 13, 14], [2, 4, 6, 7, 8, 9, 12, 13, 14, 15], [2, 4, 6, 7, 8, 9, 12, 13, 15], [2, 4, 6, 7, 8, 9, 13, 14], [2, 4, 6, 7, 8, 9, 13, 14, 15], [2, 4, 6, 7, 8, 9, 13, 15], [2, 4, 6, 7, 8, 9, 14], [2, 4, 6, 7, 8, 9, 14, 15], [2, 4, 6, 7, 8, 10, 11, 12, 13], [2, 4, 6, 7, 8, 10, 11, 12, 13, 14], [2, 4, 6, 7, 8, 10, 11, 12, 13, 14, 15], [2, 4, 6, 7, 8, 10, 11, 12, 13, 15], [2, 4, 6, 7, 8, 10, 11, 13], [2, 4, 6, 7, 8, 10, 11, 13, 14], [2, 4, 6, 7, 8, 10, 11, 13, 14, 15], [2, 4, 6, 7, 8, 10, 11, 13, 15], [2, 4, 6, 7, 8, 10, 11, 14], [2, 4, 6, 7, 8, 10, 11, 14, 15], [2, 4, 6, 7, 8, 10, 12, 13], [2, 4, 6, 7, 8, 10, 12, 13, 14], [2, 4, 6, 7, 8, 10, 12, 13, 14, 15], [2, 4, 6, 7, 8, 10, 12, 13, 15], [2, 4, 6, 7, 8, 10, 13], [2, 4, 6, 7, 8, 10, 13, 14], [2, 4, 6, 7, 8, 10, 13, 14, 15], [2, 4, 6, 7, 8, 10, 13, 15], [2, 4, 6, 7, 8, 10, 14], [2, 4, 6, 7, 8, 10, 14, 15], [2, 4, 6, 7, 8, 11, 12, 13], [2, 4, 6, 7, 8, 11, 12, 13, 14], [2, 4, 6, 7, 8, 11, 12, 13, 14, 15], [2, 4, 6, 7, 8, 11, 12, 13, 15], [2, 4, 6, 7, 8, 11, 12, 14, 15] , [2, 4, 6, 7, 8, 11, 13], [2, 4, 6, 7, 8, 11, 13, 14], [2, 4, 6, 7, 8, 11, 13, 14, 15], [2, 4, 6, 7, 8, 11, 13, 15], [2, 4, 6, 7, 8, 11, 14], [2, 4, 6, 7, 8, 11, 14, 15], [2, 4, 6, 7, 8, 12, 13], [2, 4, 6, 7, 8, 12, 13, 14], [2, 4, 6, 7, 8, 12, 13, 14, 15], [2, 4, 6, 7, 8, 12, 13, 15], [2, 4, 6, 7, 8, 13], [2, 4, 6, 7, 8, 13, 14], [2, 4, 6, 7, 8, 13, 14, 15], [2, 4, 6, 7, 8, 13, 15], [2, 4, 6, 7, 8, 14], [2, 4, 6, 7, 8, 14, 15], [2, 4, 6, 7, 9, 10, 11, 12, 13, 14], [2, 4, 6, 7, 9, 10, 11, 12, 13, 14, 15], [2, 4, 6, 7, 9, 10, 11, 12, 13, 15], [2, 4, 6, 7, 9, 10, 11, 13], [2, 4, 6, 7, 9, 10, 11, 13, 14], [2, 4, 6, 7, 9, 10, 11, 13, 14, 15], [2, 4, 6, 7, 9, 10, 11, 13, 15], [2, 4, 6, 7, 9, 10, 11, 14], [2, 4, 6, 7, 9, 10, 11, 14, 15], [2, 4, 6, 7, 9, 10, 12, 13, 14] , [2, 4, 6, 7, 9, 10, 12, 13, 14, 15], [2, 4, 6, 7, 9, 10, 13], [2, 4, 6, 7, 9, 10, 13, 14], [2, 4, 6, 7, 9, 10, 13, 14, 15], [2, 4, 6, 7, 9, 10, 13, 15], [2, 4, 6, 7, 9, 10, 14], [2, 4, 6, 7, 9, 10, 14, 15], [2, 4, 6, 7, 9,

11, 12, 13, 14], [2, 4, 6, 7, 9, 11, 12, 13, 14, 15], [2, 4, 6, 7, 9, 11, 12, 13, 15], [2, 4, 6, 7, 9,
11, 13, 14], [2, 4, 6, 7, 9, 11, 13, 14, 15], [2, 4, 6, 7, 9, 11, 13, 15], [2, 4, 6, 7, 9, 11, 14], [2,
4, 6, 7, 9, 11, 14, 15], [2, 4, 6, 7, 9, 12, 13, 14], [2, 4, 6, 7, 9, 12, 13, 14, 15], [2, 4, 6, 7, 9, 13,
14], [2, 4, 6, 7, 9, 13, 14, 15], [2, 4, 6, 7, 9, 13, 15], [2, 4, 6, 7, 9, 14], [2, 4, 6, 7, 9, 14, 15], [
2, 4, 6, 7, 10, 11, 12, 13], [2, 4, 6, 7, 10, 11, 12, 13, 14], [2, 4, 6, 7, 10, 11, 12, 13, 14, 15], [2,
4, 6, 7, 10, 11, 12, 13, 15], [2, 4, 6, 7, 10, 11, 13], [2, 4, 6, 7, 10, 11, 13, 14], [2, 4, 6, 7, 10,
11, 13, 14, 15], [2, 4, 6, 7, 10, 11, 13, 15], [2, 4, 6, 7, 10, 11, 14], [2, 4, 6, 7, 10, 11, 14, 15], [
2, 4, 6, 7, 10, 12, 13, 14], [2, 4, 6, 7, 10, 12, 13, 14, 15], [2, 4, 6, 7, 10, 12, 13, 15], [2, 4, 6, 7,
10, 13], [2, 4, 6, 7, 10, 13, 14], [2, 4, 6, 7, 10, 13, 14, 15], [2, 4, 6, 7, 10, 13, 15], [2, 4, 6, 7,
10, 14], [2, 4, 6, 7, 10, 14, 15], [2, 4, 6, 7, 11, 12, 13], [2, 4, 6, 7, 11, 12, 13, 14], [2, 4, 6, 7,
11, 12, 13, 14, 15], [2, 4, 6, 7, 11, 12, 13, 15], [2, 4, 6, 7, 11, 13], [2, 4, 6, 7, 11, 13, 14], [2,
4, 6, 7, 11, 13, 14, 15], [2, 4, 6, 7, 11, 13, 15], [2, 4, 6, 7, 11, 14], [2, 4, 6, 7, 11, 14, 15], [2,
4, 6, 7, 12, 13, 14], [2, 4, 6, 7, 12, 13, 14, 15], [2, 4, 6, 7, 12, 13, 15], [2, 4, 6, 7, 13], [2, 4, 6,
7, 13, 14], [2, 4, 6, 7, 13, 14, 15], [2, 4, 6, 7, 13, 15], [2, 4, 6, 7, 14], [2, 4, 6, 7, 14, 15], [2,
4, 6, 8], [2, 4, 6, 8, 9], [2, 4, 6, 8, 9, 10], [2, 4, 6, 8, 9, 10, 11], [2, 4, 6, 8, 9, 10, 11, 12, 13], [
2, 4, 6, 8, 9, 10, 11, 12, 13, 14], [2, 4, 6, 8, 9, 10, 11, 12, 13, 14, 15], [2, 4, 6, 8, 9, 10, 11, 12,
13, 15], [2, 4, 6, 8, 9, 10, 11, 12, 14], [2, 4, 6, 8, 9, 10, 11, 12, 14, 15], [2, 4, 6, 8, 9, 10, 11, 13
], [2, 4, 6, 8, 9, 10, 11, 13, 14], [2, 4, 6, 8, 9, 10, 11, 13, 14, 15], [2, 4, 6, 8, 9, 10, 11, 13, 15], [
2, 4, 6, 8, 9, 10, 11, 14], [2, 4, 6, 8, 9, 10, 11, 14, 15], [2, 4, 6, 8, 9, 10, 11, 15], [2, 4, 6, 8, 9,
10, 12, 13], [2, 4, 6, 8, 9, 10, 12, 13, 14], [2, 4, 6, 8, 9, 10, 12, 13, 14, 15], [2, 4, 6, 8, 9, 10,
12, 13, 15], [2, 4, 6, 8, 9, 10, 12, 14], [2, 4, 6, 8, 9, 10, 12, 14, 15], [2, 4, 6, 8, 9, 10, 13], [2,
4, 6, 8, 9, 10, 13, 14], [2, 4, 6, 8, 9, 10, 13, 14, 15], [2, 4, 6, 8, 9, 10, 13, 15], [2, 4, 6, 8, 9, 10,

14], [2, 4, 6, 8, 9, 10, 14, 15], [2, 4, 6, 8, 9, 10, 15], [2, 4, 6, 8, 9, 11], [2, 4, 6, 8, 9, 11, 12, 13], [2, 4, 6, 8, 9, 11, 12, 13, 14], [2, 4, 6, 8, 9, 11, 12, 13, 14, 15], [2, 4, 6, 8, 9, 11, 12, 13, 15], [2, 4, 6, 8, 9, 11, 12, 14], [2, 4, 6, 8, 9, 11, 12, 14, 15], [2, 4, 6, 8, 9, 11, 13, 14, 15] , [2, 4, 6, 8, 9, 11, 13, 15], [2, 4, 6, 8, 9, 11, 14], [2, 4, 6, 8, 9, 11, 14, 15], [2, 4, 6, 8, 9, 11, 15], [2, 4, 6, 8, 9, 12, 13], [2, 4, 6, 8, 9, 12, 13, 14], [2, 4, 6, 8, 9, 12, 13, 14, 15], [2, 4, 6, 8, 9, 12, 13, 15], [2, 4, 6, 8, 9, 12, 14], [2, 4, 6, 8, 9, 12, 14, 15], [2, 4, 6, 8, 9, 13, 14, 15], [2, 4, 6, 8, 9, 13, 15], [2, 4, 6, 8, 9, 14], [2, 4, 6, 8, 9, 14, 15], [2, 4, 6, 8, 9, 15], [2, 4, 6, 8, 10], [2, 4, 6, 8, 10, 11], [2, 4, 6, 8, 10, 11, 12, 13], [2, 4, 6, 8, 10, 11, 12, 13, 14], [2, 4, 6, 8, 10, 11, 12, 13, 14, 15], [2, 4, 6, 8, 10, 11, 12, 13, 15], [2, 4, 6, 8, 10, 11, 12, 14], [2, 4, 6, 8, 10, 11, 12, 14, 15], [2, 4, 6, 8, 10, 11, 13], [2, 4, 6, 8, 10, 11, 13, 15], [2, 4, 6, 8, 10, 11, 14], [2, 4, 6, 8, 10, 11, 14, 15], [2, 4, 6, 8, 10, 11, 15], [2, 4, 6, 8, 10, 12, 13], [2, 4, 6, 8, 10, 12, 13, 14], [2, 4, 6, 8, 10, 12, 13, 14, 15], [2, 4, 6, 8, 10, 12, 13, 15], [2, 4, 6, 8, 10, 12, 14], [2, 4, 6, 8, 10, 12, 14, 15], [2, 4, 6, 8, 10, 13], [2, 4, 6, 8, 10, 13, 15], [2, 4, 6, 8, 10, 14], [2, 4, 6, 8, 10, 14, 15], [2, 4, 6, 8, 10, 15], [2, 4, 6, 8, 11], [2, 4, 6, 8, 11, 12, 13], [2, 4, 6, 8, 11, 12, 13, 14], [2, 4, 6, 8, 11, 12, 13, 14, 15], [2, 4, 6, 8, 11, 12, 13, 15], [2, 4, 6, 8, 11, 12, 14], [2, 4, 6, 8, 11, 12, 14, 15], [2, 4, 6, 8, 11, 13], [2, 4, 6, 8, 11, 13, 15], [2, 4, 6, 8, 11, 14], [2, 4, 6, 8, 11, 14, 15], [2, 4, 6, 8, 11, 15], [2, 4, 6, 8, 12, 13], [2, 4, 6, 8, 12, 13, 14], [2, 4, 6, 8, 12, 13, 14, 15], [2, 4, 6, 8, 12, 13, 15], [2, 4, 6, 8, 12, 14], [2, 4, 6, 8, 12, 14, 15], [2, 4, 6, 8, 13], [2, 4, 6, 8, 13, 15], [2, 4, 6, 8, 14], [2, 4, 6, 8, 14, 15], [2, 4, 6, 8, 15], [2, 4, 6, 9, 10, 11], [2, 4, 6, 9, 10, 11, 12, 13], [2, 4, 6, 9, 10, 11, 12, 13, 14], [2, 4, 6, 9, 10, 11, 12, 13, 14, 15], [2, 4, 6, 9, 10, 11, 12, 13, 15], [2, 4, 6, 9, 10, 11, 12, 14], [2, 4, 6, 9, 10, 11, 12, 14, 15], [2, 4, 6, 9, 10, 11, 13], [2, 4, 6, 9, 10, 11, 13, 14], [2, 4, 6, 9, 10, 11, 13, 14, 15], [2, 4, 6, 9, 10, 11, 13, 15], [2, 4, 6, 9, 10, 11, 14

], [2, 4, 6, 9, 10, 11, 14, 15], [2, 4, 6, 9, 10, 11, 15], [2, 4, 6, 9, 10, 12, 13], [2, 4, 6, 9, 10, 12, 13, 14], [2, 4, 6, 9, 10, 12, 13, 14, 15], [2, 4, 6, 9, 10, 12, 13, 15], [2, 4, 6, 9, 10, 12, 14], [2, 4, 6, 9, 10, 12, 14, 15], [2, 4, 6, 9, 10, 13], [2, 4, 6, 9, 10, 13, 14], [2, 4, 6, 9, 10, 13, 14, 15], [2, 4, 6, 9, 10, 13, 15], [2, 4, 6, 9, 10, 14], [2, 4, 6, 9, 10, 14, 15], [2, 4, 6, 9, 10, 15], [2, 4, 6, 9, 11], [2, 4, 6, 9, 11, 12, 13], [2, 4, 6, 9, 11, 12, 13, 14], [2, 4, 6, 9, 11, 12, 13, 14, 15], [2, 4, 6, 9, 11, 12, 13, 15], [2, 4, 6, 9, 11, 12, 14], [2, 4, 6, 9, 11, 12, 14, 15], [2, 4, 6, 9, 11, 13], [2, 4, 6, 9, 11, 13, 14, 15], [2, 4, 6, 9, 11, 13, 15], [2, 4, 6, 9, 11, 14], [2, 4, 6, 9, 11, 14, 15], [2, 4, 6, 9, 11, 15], [2, 4, 6, 9, 12, 13], [2, 4, 6, 9, 12, 13, 14], [2, 4, 6, 9, 12, 13, 14, 15], [2, 4, 6, 9, 12, 13, 15], [2, 4, 6, 9, 12, 14], [2, 4, 6, 9, 12, 14, 15], [2, 4, 6, 9, 13, 14, 15], [2, 4, 6, 9, 13, 15], [2, 4, 6, 9, 14], [2, 4, 6, 9, 14, 15], [2, 4, 6, 9, 15], [2, 4, 6, 10, 11, 12, 13], [2, 4, 6, 10, 11, 12, 13, 14], [2, 4, 6, 10, 11, 12, 13, 14, 15], [2, 4, 6, 10, 11, 12, 13, 15], [2, 4, 6, 10, 11, 12, 14, 15], [2, 4, 6, 10, 11, 13], [2, 4, 6, 10, 11, 13, 15], [2, 4, 6, 10, 11, 14, 15], [2, 4, 6, 10, 11, 15], [2, 4, 6, 10, 12, 13], [2, 4, 6, 10, 12, 13, 14], [2, 4, 6, 10, 12, 13, 14, 15], [2, 4, 6, 10, 12, 13, 15], [2, 4, 6, 10, 12, 14], [2, 4, 6, 10, 13], [2, 4, 6, 10, 13, 15], [2, 4, 6, 10, 14], [2, 4, 6, 10, 14, 15], [2, 4, 6, 10, 15], [2, 4, 6, 11, 12, 13], [2, 4, 6, 11, 12, 13, 14], [2, 4, 6, 11, 12, 13, 14, 15], [2, 4, 6, 11, 12, 13, 15], [2, 4, 6, 11, 12, 14], [2, 4, 6, 11, 12, 14, 15], [2, 4, 6, 11, 13], [2, 4, 6, 11, 13, 15], [2, 4, 6, 11, 14], [2, 4, 6, 11, 14, 15], [2, 4, 6, 11, 15], [2, 4, 6, 12, 13], [2, 4, 6, 12, 13, 14], [2, 4, 6, 12, 13, 14, 15], [2, 4, 6, 12, 13, 15], [2, 4, 6, 12, 14], [2, 4, 6, 12, 14, 15], [2, 4, 6, 13], [2, 4, 6, 13, 15], [2, 4, 6, 14], [2, 4, 6, 14, 15], [2, 4, 6, 15], [2, 4, 7, 8, 9, 10, 11, 12, 13], [2, 4, 7, 8, 9, 10, 11, 12, 13, 14], [2, 4, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 4, 7, 8, 9, 10, 11, 12, 13, 15], [2, 4, 7, 8, 9, 10, 11, 13], [2, 4, 7, 8, 9, 10, 11, 13, 14], [2, 4, 7, 8, 9, 10, 11, 13, 14, 15], [2, 4, 7, 8, 9, 10, 11, 13, 15], [2, 4, 7, 8, 9, 10, 11, 14], [2, 4, 7, 8, 9, 10, 11, 14, 15], [2, 4, 7, 8, 9, 10, 12, 13], [2, 4, 7, 8, 9, 10, 12, 13, 14], [2, 4, 7, 8, 9, 10, 12, 13, 14, 15], [2, 4, 7, 8, 9, 10, 12, 13, 15], [2, 4, 7, 8, 9, 10, 13], [2, 4, 7, 8, 9, 10, 13, 14], [2, 4, 7, 8, 9, 10, 13, 14, 15], [2, 4, 7, 8, 9, 10, 13, 15], [2, 4, 7, 8, 9, 10, 14], [2, 4, 7, 8, 9, 10, 14, 15], [2, 4, 7, 8, 9, 11, 12, 13], [2, 4, 7, 8, 9, 11, 12, 13, 14], [2, 4, 7, 8, 9, 11, 12, 13, 14, 15], [2, 4, 7, 8, 9, 11, 12, 13, 15], [2, 4, 7, 8, 9, 11, 13, 14], [2, 4, 7, 8, 9, 11, 13, 14, 15], [2, 4, 7, 8, 9, 11, 13, 15], [2, 4, 7, 8, 9, 11, 14], [2, 4, 7, 8, 9, 11, 14, 15], [2, 4, 7, 8, 9, 12, 13], [2, 4, 7, 8, 9, 12, 13, 14], [2, 4, 7, 8, 9, 12, 13, 14, 15], [2, 4, 7, 8, 9, 12, 13, 15], [2, 4, 7, 8, 9, 13, 14], [2, 4, 7, 8, 9, 13, 14, 15], [2, 4, 7, 8, 9, 14], [2, 4, 7, 8, 9, 14, 15], [2, 4, 7, 8, 10, 11, 12, 13], [2, 4, 7, 8, 10, 11, 12, 13, 14], [2, 4, 7, 8, 10, 11, 12, 13, 14, 15], [2, 4, 7, 8, 10, 11, 12, 13, 15], [2, 4, 7, 8, 10, 11, 12, 14, 15], [2, 4, 7, 8, 10, 11, 13], [2, 4, 7, 8, 10, 11, 13, 14], [2, 4, 7, 8, 10, 11, 13, 14, 15], [2, 4, 7, 8, 10, 11, 13, 15], [2, 4, 7, 8, 10, 11, 14], [2, 4, 7, 8, 10, 11, 14, 15], [2, 4, 7, 8, 10, 12, 13], [2, 4, 7, 8, 10, 12, 13, 14], [2, 4, 7, 8, 10, 12, 13, 14, 15], [2, 4, 7, 8, 10, 12, 13, 15], [2, 4, 7, 8, 10, 13], [2, 4, 7, 8, 10, 13, 14], [2, 4, 7, 8, 10, 13, 14, 15], [2, 4, 7, 8, 10, 13, 15], [2, 4, 7, 8, 10, 14], [2, 4, 7, 8, 10, 14, 15], [2, 4, 7, 8, 11, 12, 13], [2, 4, 7, 8, 11, 12, 13, 14], [2, 4, 7, 8, 11, 12, 13, 14, 15], [2, 4, 7, 8, 11, 12, 13, 15], [2, 4, 7, 8, 11, 12, 14, 15], [2, 4, 7, 8, 11, 13], [2, 4, 7, 8, 11, 13, 14], [2, 4, 7, 8, 11, 13, 14, 15], [2, 4, 7, 8, 11, 13, 15], [2, 4, 7, 8, 11, 14], [2, 4, 7, 8, 11, 14, 15], [2, 4, 7, 8, 12, 13], [2, 4, 7, 8, 12, 13, 14], [2, 4, 7, 8, 12, 13, 14, 15], [2, 4, 7, 8, 12, 13, 15], [2, 4, 7, 8, 13], [2, 4, 7, 8, 13, 14], [2, 4, 7, 8, 13, 14, 15], [2, 4, 7, 8, 14], [2, 4, 7, 8, 14, 15], [2, 4, 7, 9, 10, 11, 12, 13], [2, 4, 7, 9, 10, 11, 12, 13, 14], [2, 4, 7, 9, 10, 11, 12, 13, 14, 15], [2, 4, 7, 9, 10, 11, 12, 13, 15], [2, 4, 7, 9, 10, 11, 13], [2, 4, 7, 9, 10, 11, 13, 14], [2, 4, 7, 9, 10, 11, 13, 14, 15], [2, 4, 7, 9, 10, 11, 13, 15], [2, 4, 7, 9, 10, 11, 14], [2, 4, 7, 9, 10, 11, 14, 15], [2, 4, 7, 9, 10, 12, 13, 14], [2, 4, 7, 9, 10, 12, 13, 14, 15], [2, 4, 7, 9, 10, 13], [2, 4, 7, 9, 10, 13, 14], [2, 4, 7, 9, 10, 13, 14, 15], [2, 4, 7, 9, 10, 13, 15], [2, 4, 7, 9, 10, 14], [2, 4, 7, 9, 10, 14, 15], [2, 4, 7, 9, 11, 12, 13], [2, 4, 7, 9, 11, 12, 13, 14], [2, 4, 7, 9, 11, 12, 13, 14, 15], [2, 4, 7, 9, 11, 12, 13, 15], [2, 4, 7, 9, 11, 13, 14], [2, 4, 7, 9, 11, 13, 14, 15], [2, 4, 7, 9, 11, 13, 15], [2, 4, 7, 9, 11, 14], [2, 4, 7, 9, 11, 14, 15], [2, 4, 7, 9, 12, 13, 14], [2, 4, 7, 9, 12, 13, 14, 15], [2, 4, 7, 9, 12, 13, 15], [2, 4, 7, 9, 13, 14], [2, 4, 7, 9, 13, 14, 15], [2, 4, 7, 9, 13, 15], [2, 4, 7, 9, 14], [2, 4, 7, 9, 14, 15], [2, 4, 7, 10, 11, 12, 13], [2, 4, 7, 10, 11, 12, 13, 14], [2, 4, 7, 10, 11, 12, 13, 14, 15], [2, 4, 7, 10, 11, 12, 13, 15], [2, 4, 7, 10, 11, 13], [2, 4, 7, 10, 11, 13, 14], [2, 4, 7, 10, 11, 13, 14, 15], [2, 4, 7, 10, 11, 13, 15], [2, 4, 7, 10, 11, 14], [2, 4, 7, 10, 11, 14, 15], [2, 4, 7, 10, 12, 13, 14], [2, 4, 7, 10, 12, 13, 14, 15], [2, 4, 7, 10, 12, 13, 15], [2, 4, 7, 10, 13], [2, 4, 7, 10, 13, 14], [2, 4, 7, 10, 13, 14, 15], [2, 4, 7, 10, 13, 15], [2, 4, 7, 10, 14], [2, 4, 7, 10, 14, 15], [2, 4, 7, 11, 12, 13], [2, 4, 7, 11, 12, 13, 14], [2, 4, 7, 11, 12, 13, 14, 15], [2, 4, 7, 11, 12, 13, 15], [2, 4, 7, 11, 13], [2, 4, 7, 11, 13, 14], [2, 4, 7, 11, 13, 14, 15], [2, 4, 7, 11, 13, 15], [2, 4, 7, 11, 14], [2, 4, 7, 11, 14, 15], [2, 4, 7, 12, 13, 14], [2, 4, 7, 12, 13, 14, 15], [2, 4, 7, 12, 13, 15], [2, 4, 7, 13], [2, 4, 7, 13, 14], [2, 4, 7, 13, 14, 15], [2, 4, 7, 13, 15], [2, 4, 7, 14], [2, 4, 7, 14, 15], [2, 4, 8], [2, 4, 8, 9, 10], [2, 4, 8, 9, 10, 11], [2, 4, 8, 9, 10, 11, 12, 13], [2, 4, 8, 9, 10, 11, 12, 13, 14], [2, 4, 8, 9, 10, 11, 12, 13, 14, 15], [2, 4, 8, 9, 10, 11, 12, 13, 15], [2, 4, 8, 9, 10, 11, 12, 14], [2, 4, 8, 9, 10, 11, 12, 14, 15], [2, 4, 8, 9, 10, 11, 13], [2, 4, 8, 9, 10, 11, 13, 14, 15], [2, 4, 8, 9, 10, 11, 13, 15], [2, 4, 8, 9, 10, 11, 14], [2, 4, 8, 9, 10, 11, 14, 15], [2, 4, 8, 9, 10, 11, 15], [2, 4, 8, 9, 10, 12, 13], [2, 4, 8, 9, 10, 12, 13, 14], [2, 4, 8, 9, 10, 12, 13, 14, 15], [2, 4, 8, 9, 10, 12, 13, 15], [2, 4, 8, 9, 10, 12, 14], [2, 4, 8, 9, 10, 12, 14, 15], [2, 4, 8, 9, 10, 13], [2, 4, 8, 9, 10, 13, 14, 15], [2, 4, 8, 9, 10, 13, 15], [2, 4, 8, 9, 10, 14], [2, 4, 8, 9, 10, 14, 15], [2, 4, 8, 9, 10, 15], [2, 4, 8, 9, 11], [2,

4, 8, 9, 11, 12, 13], [2, 4, 8, 9, 11, 12, 13, 14], [2, 4, 8, 9, 11, 12, 13, 14, 15], [2, 4, 8, 9, 11, 12, 13, 15], [2, 4, 8, 9, 11, 12, 14], [2, 4, 8, 9, 11, 12, 14, 15], [2, 4, 8, 9, 11, 13, 15], [2, 4, 8, 9, 11, 14], [2, 4, 8, 9, 11, 14, 15], [2, 4, 8, 9, 11, 15], [2, 4, 8, 9, 12, 13], [2, 4, 8, 9, 12, 13, 14], [2, 4, 8, 9, 12, 13, 14, 15], [2, 4, 8, 9, 12, 13, 15], [2, 4, 8, 9, 12, 14], [2, 4, 8, 9, 12, 14, 15], [2, 4, 8, 9, 13, 15], [2, 4, 8, 9, 14], [2, 4, 8, 9, 14, 15], [2, 4, 8, 10], [2, 4, 8, 10, 11], [2, 4, 8, 10, 11, 12, 13], [2, 4, 8, 10, 11, 12, 13, 14], [2, 4, 8, 10, 11, 12, 13, 14, 15] , [2, 4, 8, 10, 11, 12, 13, 15], [2, 4, 8, 10, 11, 12, 14], [2, 4, 8, 10, 11, 12, 14, 15], [2, 4, 8, 10, 11, 13], [2, 4, 8, 10, 11, 13, 15], [2, 4, 8, 10, 11, 14], [2, 4, 8, 10, 11, 14, 15], [2, 4, 8, 10, 11, 15], [2, 4, 8, 10, 12, 13], [2, 4, 8, 10, 12, 13, 14], [2, 4, 8, 10, 12, 13, 14, 15], [2, 4, 8, 10, 12, 13, 15], [2, 4, 8, 10, 12, 14], [2, 4, 8, 10, 12, 14, 15], [2, 4, 8, 10, 13], [2, 4, 8, 10, 13, 15], [2, 4, 8, 10, 14], [2, 4, 8, 10, 14, 15], [2, 4, 8, 10, 15], [2, 4, 8, 11, 12, 13], [2, 4, 8, 11, 12, 13, 14], [2, 4, 8, 11, 12, 13, 14, 15], [2, 4, 8, 11, 12, 13, 15], [2, 4, 8, 11, 12, 14], [2, 4, 8, 11, 12, 14, 15], [2, 4, 8, 11, 13, 15], [2, 4, 8, 11, 14], [2, 4, 8, 11, 14, 15], [2, 4, 8, 11, 15], [2, 4, 8, 12, 13], [2, 4, 8, 12, 13, 14], [2, 4, 8, 12, 13, 14, 15], [2, 4, 8, 12, 13, 15], [2, 4, 8, 12, 14], [2, 4, 8, 12, 14, 15], [2, 4, 8, 13, 15], [2, 4, 8, 14], [2, 4, 8, 14, 15], [2, 4, 8, 15], [2, 4, 9, 10, 11], [2, 4, 9, 10, 11, 12, 13], [2, 4, 9, 10, 11, 12, 13, 14], [2, 4, 9, 10, 11, 12, 13, 14, 15], [2, 4, 9, 10, 11, 12, 13, 15], [2, 4, 9, 10, 11, 12, 14], [2, 4, 9, 10, 11, 12, 14, 15], [2, 4, 9, 10, 11, 13], [2, 4, 9, 10, 11, 13, 14, 15], [2, 4, 9, 10, 11, 13, 15], [2, 4, 9, 10, 11, 14], [2, 4, 9, 10, 11, 14, 15], [2, 4, 9, 10, 11, 15], [2, 4, 9, 10, 12, 13], [2, 4, 9, 10, 12, 13, 14], [2, 4, 9, 10, 12, 13, 14, 15], [2, 4, 9, 10, 12, 13, 15], [2, 4, 9, 10, 12, 14], [2, 4, 9, 10, 12, 14, 15], [2, 4, 9, 10, 13], [2, 4, 9, 10, 13, 14, 15], [2, 4, 9, 10, 13, 15], [2, 4, 9, 10, 14], [2, 4, 9, 10, 14, 15], [2, 4, 9, 10, 15], [2, 4, 9, 11], [2, 4, 9, 11, 12, 13], [2, 4, 9, 11, 12, 13, 14], [2, 4, 9, 11, 12, 13, 14, 15], [2, 4, 9, 11, 12, 13,

15], [2, 4, 9, 11, 12, 14], [2, 4, 9, 11, 12, 14, 15], [2, 4, 9, 11, 13, 15], [2, 4, 9, 11, 14], [2, 4,
9, 11, 14, 15], [2, 4, 9, 11, 15], [2, 4, 9, 12, 13], [2, 4, 9, 12, 13, 14], [2, 4, 9, 12, 13, 14, 15],
[2, 4, 9, 12, 13, 15], [2, 4, 9, 12, 14], [2, 4, 9, 12, 14, 15], [2, 4, 9, 13, 15], [2, 4, 9, 14], [2,
4, 9, 14, 15], [2, 4, 9, 15], [2, 4, 10, 11, 12, 13], [2, 4, 10, 11, 12, 13, 14], [2, 4, 10, 11, 12,
13, 14, 15], [2, 4, 10, 11, 12, 13, 15], [2, 4, 10, 11, 12, 14], [2, 4, 10, 11, 12, 14, 15], [2, 4, 10,
11, 13], [2, 4, 10, 11, 13, 15], [2, 4, 10, 11, 14], [2, 4, 10, 11, 14, 15], [2, 4, 10, 11, 15], [2,
4, 10, 12, 13], [2, 4, 10, 12, 13, 14], [2, 4, 10, 12, 13, 14, 15], [2, 4, 10, 12, 13, 15], [2, 4, 10,
12, 14], [2, 4, 10, 13], [2, 4, 10, 13, 15], [2, 4, 10, 14], [2, 4, 10, 14, 15], [2, 4, 10, 15], [2,
4, 11, 12, 13], [2, 4, 11, 12, 13, 14], [2, 4, 11, 12, 13, 14, 15], [2, 4, 11, 12, 13, 15], [2, 4, 11,
12, 14], [2, 4, 11, 12, 14, 15], [2, 4, 11, 13, 15], [2, 4, 11, 14], [2, 4, 11, 14, 15], [2, 4, 11, 15
], [2, 4, 12, 13], [2, 4, 12, 13, 14], [2, 4, 12, 13, 14, 15], [2, 4, 12, 13, 15], [2, 4, 12, 14], [2,
4, 12, 14, 15], [2, 4, 13, 15], [2, 4, 14], [2, 4, 14, 15], [2, 4, 15], [2, 5, 6, 7, 8], [2, 5, 6, 7, 8,
9], [2, 5, 6, 7, 8, 9, 10], [2, 5, 6, 7, 8, 9, 10, 11], [2, 5, 6, 7, 8, 9, 10, 11, 12, 13], [2, 5, 6, 7, 8,
9, 10, 11, 12, 13, 14], [2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15
], [2, 5, 6, 7, 8, 9, 10, 11, 12, 14], [2, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15], [2, 5, 6, 7, 8, 9, 10, 11,
13], [2, 5, 6, 7, 8, 9, 10, 11, 13, 14], [2, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15], [2, 5, 6, 7, 8, 9, 10,
11, 13, 15], [2, 5, 6, 7, 8, 9, 10, 11, 14], [2, 5, 6, 7, 8, 9, 10, 11, 14, 15], [2, 5, 6, 7, 8, 9, 10,
11, 15], [2, 5, 6, 7, 8, 9, 10, 12, 13], [2, 5, 6, 7, 8, 9, 10, 12, 13, 14], [2, 5, 6, 7, 8, 9, 10, 12,
13, 14, 15], [2, 5, 6, 7, 8, 9, 10, 12, 13, 15], [2, 5, 6, 7, 8, 9, 10, 12, 14], [2, 5, 6, 7, 8, 9, 10,
12, 14, 15], [2, 5, 6, 7, 8, 9, 10, 13], [2, 5, 6, 7, 8, 9, 10, 13, 14], [2, 5, 6, 7, 8, 9, 10, 13, 14, 15
], [2, 5, 6, 7, 8, 9, 10, 13, 15], [2, 5, 6, 7, 8, 9, 10, 14], [2, 5, 6, 7, 8, 9, 10, 14, 15], [2, 5, 6, 7,
8, 9, 10, 15], [2, 5, 6, 7, 8, 9, 11], [2, 5, 6, 7, 8, 9, 11, 12, 13], [2, 5, 6, 7, 8, 9, 11, 12, 13, 14],

[2, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15], [2, 5, 6, 7, 8, 9, 11, 12, 13, 15], [2, 5, 6, 7, 8, 9, 11, 12, 14
], [2, 5, 6, 7, 8, 9, 11, 12, 14, 15], [2, 5, 6, 7, 8, 9, 11, 13, 14], [2, 5, 6, 7, 8, 9, 11, 13, 14, 15], [
2, 5, 6, 7, 8, 9, 11, 13, 15], [2, 5, 6, 7, 8, 9, 11, 14], [2, 5, 6, 7, 8, 9, 11, 14, 15], [2, 5, 6, 7, 8,
9, 11, 15], [2, 5, 6, 7, 8, 9, 12, 13], [2, 5, 6, 7, 8, 9, 12, 13, 14], [2, 5, 6, 7, 8, 9, 12, 13, 14, 15
], [2, 5, 6, 7, 8, 9, 12, 13, 15], [2, 5, 6, 7, 8, 9, 12, 14], [2, 5, 6, 7, 8, 9, 12, 14, 15], [2, 5, 6, 7,
8, 9, 13, 14], [2, 5, 6, 7, 8, 9, 13, 14, 15], [2, 5, 6, 7, 8, 9, 13, 15], [2, 5, 6, 7, 8, 9, 14], [2, 5,
6, 7, 8, 9, 14, 15], [2, 5, 6, 7, 8, 9, 15], [2, 5, 6, 7, 8, 10], [2, 5, 6, 7, 8, 10, 11], [2, 5, 6, 7, 8,
10, 11, 12, 13], [2, 5, 6, 7, 8, 10, 11, 12, 13, 14], [2, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15], [2, 5, 6,
7, 8, 10, 11, 12, 13, 15], [2, 5, 6, 7, 8, 10, 11, 12, 14], [2, 5, 6, 7, 8, 10, 11, 12, 14, 15], [2, 5,
6, 7, 8, 10, 11, 13], [2, 5, 6, 7, 8, 10, 11, 13, 14], [2, 5, 6, 7, 8, 10, 11, 13, 14, 15], [2, 5, 6, 7,
8, 10, 11, 13, 15], [2, 5, 6, 7, 8, 10, 11, 14], [2, 5, 6, 7, 8, 10, 11, 14, 15], [2, 5, 6, 7, 8, 10, 11,
15], [2, 5, 6, 7, 8, 10, 12, 13], [2, 5, 6, 7, 8, 10, 12, 13, 14], [2, 5, 6, 7, 8, 10, 12, 13, 14, 15], [
2, 5, 6, 7, 8, 10, 12, 13, 15], [2, 5, 6, 7, 8, 10, 12, 14], [2, 5, 6, 7, 8, 10, 12, 14, 15], [2, 5, 6, 7,
8, 10, 13], [2, 5, 6, 7, 8, 10, 13, 14], [2, 5, 6, 7, 8, 10, 13, 14, 15], [2, 5, 6, 7, 8, 10, 13, 15], [
2, 5, 6, 7, 8, 10, 14], [2, 5, 6, 7, 8, 10, 14, 15], [2, 5, 6, 7, 8, 10, 15], [2, 5, 6, 7, 8, 11], [2, 5,
6, 7, 8, 11, 12, 13], [2, 5, 6, 7, 8, 11, 12, 13, 14], [2, 5, 6, 7, 8, 11, 12, 13, 14, 15], [2, 5, 6, 7,
8, 11, 12, 13, 15], [2, 5, 6, 7, 8, 11, 12, 14], [2, 5, 6, 7, 8, 11, 12, 14, 15], [2, 5, 6, 7, 8, 11, 13
], [2, 5, 6, 7, 8, 11, 13, 14, 15], [2, 5, 6, 7, 8, 11, 13, 15], [2, 5, 6, 7, 8, 11, 14], [2, 5, 6, 7, 8,
11, 14, 15], [2, 5, 6, 7, 8, 11, 15], [2, 5, 6, 7, 8, 12, 13], [2, 5, 6, 7, 8, 12, 13, 14], [2, 5, 6, 7,
8, 12, 13, 14, 15], [2, 5, 6, 7, 8, 12, 13, 15], [2, 5, 6, 7, 8, 12, 14], [2, 5, 6, 7, 8, 12, 14, 15], [
2, 5, 6, 7, 8, 13], [2, 5, 6, 7, 8, 13, 14, 15], [2, 5, 6, 7, 8, 13, 15], [2, 5, 6, 7, 8, 14], [2, 5, 6, 7,
8, 14, 15], [2, 5, 6, 7, 8, 15], [2, 5, 6, 7, 9, 10, 11], [2, 5, 6, 7, 9, 10, 11, 12, 13], [2, 5, 6, 7, 9,

10, 11, 12, 13, 14], [2, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15], [2, 5, 6, 7, 9, 10, 11, 12, 13, 15], [2, 5, 6, 7, 9, 10, 11, 12, 14], [2, 5, 6, 7, 9, 10, 11, 12, 14, 15], [2, 5, 6, 7, 9, 10, 11, 13], [2, 5, 6, 7, 9, 10, 11, 13, 14], [2, 5, 6, 7, 9, 10, 11, 13, 14, 15], [2, 5, 6, 7, 9, 10, 11, 13, 15], [2, 5, 6, 7, 9, 10, 11, 14], [2, 5, 6, 7, 9, 10, 11, 14, 15], [2, 5, 6, 7, 9, 10, 11, 15], [2, 5, 6, 7, 9, 10, 12, 13], [2, 5, 6, 7, 9, 10, 12, 13, 14], [2, 5, 6, 7, 9, 10, 12, 13, 14, 15], [2, 5, 6, 7, 9, 10, 12, 13, 15], [2, 5, 6, 7, 9, 10, 12, 14], [2, 5, 6, 7, 9, 10, 12, 14, 15], [2, 5, 6, 7, 9, 10, 13], [2, 5, 6, 7, 9, 10, 13, 14], [2, 5, 6, 7, 9, 10, 13, 14, 15], [2, 5, 6, 7, 9, 10, 13, 15], [2, 5, 6, 7, 9, 10, 14], [2, 5, 6, 7, 9, 10, 14, 15], [2, 5, 6, 7, 9, 10, 15], [2, 5, 6, 7, 9, 11], [2, 5, 6, 7, 9, 11, 12, 13], [2, 5, 6, 7, 9, 11, 12, 13, 14], [2, 5, 6, 7, 9, 11, 12, 13, 14, 15], [2, 5, 6, 7, 9, 11, 12, 13, 15], [2, 5, 6, 7, 9, 11, 12, 14], [2, 5, 6, 7, 9, 11, 12, 14, 15], [2, 5, 6, 7, 9, 11, 13], [2, 5, 6, 7, 9, 11, 13, 14], [2, 5, 6, 7, 9, 11, 13, 14, 15], [2, 5, 6, 7, 9, 11, 13, 15], [2, 5, 6, 7, 9, 11, 14], [2, 5, 6, 7, 9, 11, 14, 15], [2, 5, 6, 7, 9, 11, 15], [2, 5, 6, 7, 9, 12, 13], [2, 5, 6, 7, 9, 12, 13, 14], [2, 5, 6, 7, 9, 12, 13, 14, 15], [2, 5, 6, 7, 9, 12, 13, 15], [2, 5, 6, 7, 9, 12, 14], [2, 5, 6, 7, 9, 12, 14, 15], [2, 5, 6, 7, 9, 13], [2, 5, 6, 7, 9, 13, 14], [2, 5, 6, 7, 9, 13, 14, 15], [2, 5, 6, 7, 9, 13, 15], [2, 5, 6, 7, 9, 14], [2, 5, 6, 7, 9, 14, 15], [2, 5, 6, 7, 9, 15], [2, 5, 6, 7, 10], [2, 5, 6, 7, 10, 11, 12, 13], [2, 5, 6, 7, 10, 11, 12, 13, 14], [2, 5, 6, 7, 10, 11, 12, 13, 14, 15], [2, 5, 6, 7, 10, 11, 12, 13, 15], [2, 5, 6, 7, 10, 11, 12, 14], [2, 5, 6, 7, 10, 11, 12, 14, 15], [2, 5, 6, 7, 10, 11, 13], [2, 5, 6, 7, 10, 11, 13, 14], [2, 5, 6, 7, 10, 11, 13, 14, 15], [2, 5, 6, 7, 10, 11, 13, 15], [2, 5, 6, 7, 10, 11, 14], [2, 5, 6, 7, 10, 11, 14, 15], [2, 5, 6, 7, 10, 11, 15], [2, 5, 6, 7, 10, 12, 13], [2, 5, 6, 7, 10, 12, 13, 14], [2, 5, 6, 7, 10, 12, 13, 14, 15], [2, 5, 6, 7, 10, 12, 13, 15], [2, 5, 6, 7, 10, 12, 14], [2, 5, 6, 7, 10, 12, 14, 15], [2, 5, 6, 7, 10, 13], [2, 5, 6, 7, 10, 13, 14], [2, 5, 6, 7, 10, 13, 14, 15], [2, 5, 6, 7, 10, 13, 15], [2, 5, 6, 7, 10, 14], [2, 5, 6, 7, 10, 14, 15], [2, 5, 6, 7, 10, 15], [2, 5, 6, 7, 11, 12, 13], [2, 5, 6, 7, 11, 12, 13, 14], [2, 5, 6, 7, 11, 12, 13, 14, 15], [2, 5, 6, 7, 11, 12, 13, 15], [2, 5, 6, 7, 11, 12, 14], [2, 5, 6, 7, 11, 12, 14, 15], [2, 5, 6, 7, 11, 13], [2, 5, 6, 7, 11, 13, 14, 15], [2, 5, 6, 7, 11, 13, 15], [2, 5, 6, 7, 11, 14], [2, 5, 6, 7, 11, 14, 15], [2, 5, 6, 7, 11, 15], [2, 5, 6, 7, 12, 13], [2, 5, 6, 7, 12, 13, 14], [2, 5, 6, 7, 12, 13, 14, 15], [2, 5, 6, 7, 12, 13, 15], [2, 5, 6, 7, 12, 14], [2, 5, 6, 7, 12, 14, 15], [2, 5, 6, 7, 13], [2, 5, 6, 7, 13, 14, 15], [2, 5, 6, 7, 13, 15], [2, 5, 6, 7, 14], [2, 5, 6, 7, 14, 15], [2, 5, 6, 7, 15], [2, 5, 6, 8], [2, 5, 6, 8, 9], [2, 5, 6, 8, 9, 10], [2, 5, 6, 8, 9, 10, 11], [2, 5, 6, 8, 9, 10, 11, 12], [2, 5, 6, 8, 9, 10, 11, 12, 13], [2, 5, 6, 8, 9, 10, 11, 12, 13, 14], [2, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15], [2, 5, 6, 8, 9, 10, 11, 12, 13, 15], [2, 5, 6, 8, 9, 10, 11, 12, 14], [2, 5, 6, 8, 9, 10, 11, 12, 14, 15], [2, 5, 6, 8, 9, 10, 11, 12, 15], [2, 5, 6, 8, 9, 10, 11, 13], [2, 5, 6, 8, 9, 10, 11, 13, 15], [2, 5, 6, 8, 9, 10, 11, 14], [2, 5, 6, 8, 9, 10, 11, 14, 15], [2, 5, 6, 8, 9, 10, 11, 15], [2, 5, 6, 8, 9, 10, 12], [2, 5, 6, 8, 9, 10, 12, 13], [2, 5, 6, 8, 9, 10, 12, 13, 14], [2, 5, 6, 8, 9, 10, 12, 13, 14, 15], [2, 5, 6, 8, 9, 10, 12, 13, 15], [2, 5, 6, 8, 9, 10, 12, 14], [2, 5, 6, 8, 9, 10, 12, 14, 15], [2, 5, 6, 8, 9, 10, 12, 15], [2, 5, 6, 8, 9, 10, 13], [2, 5, 6, 8, 9, 10, 13, 15], [2, 5, 6, 8, 9, 10, 14], [2, 5, 6, 8, 9, 10, 14, 15], [2, 5, 6, 8, 9, 10, 15], [2, 5, 6, 8, 9, 11], [2, 5, 6, 8, 9, 11, 12], [2, 5, 6, 8, 9, 11, 12, 13], [2, 5, 6, 8, 9, 11, 12, 13, 14], [2, 5, 6, 8, 9, 11, 12, 13, 14, 15], [2, 5, 6, 8, 9, 11, 12, 13, 15], [2, 5, 6, 8, 9, 11, 12, 14], [2, 5, 6, 8, 9, 11, 12, 14, 15], [2, 5, 6, 8, 9, 11, 12, 15], [2, 5, 6, 8, 9, 11, 13, 15], [2, 5, 6, 8, 9, 11, 14], [2, 5, 6, 8, 9, 11, 14, 15], [2, 5, 6, 8, 9, 11, 15], [2, 5, 6, 8, 9, 12], [2, 5, 6, 8, 9, 12, 13], [2, 5, 6, 8, 9, 12, 13, 14], [2, 5, 6, 8, 9, 12, 13, 14, 15], [2, 5, 6, 8, 9, 12, 13, 15], [2, 5, 6, 8, 9, 12, 14], [2, 5, 6, 8, 9, 12, 14, 15], [2, 5, 6, 8, 9, 12, 15], [2, 5, 6, 8, 9, 13, 15], [2, 5, 6, 8, 9, 14], [2, 5, 6, 8, 9, 14, 15], [2, 5, 6, 8, 9, 15], [2, 5, 6, 8, 10], [2, 5, 6, 8, 10, 11, 12], [2, 5, 6, 8, 10, 11, 12, 13], [2, 5, 6, 8, 10, 11, 12, 13, 14], [2, 5, 6, 8, 10, 11, 12, 13, 14, 15], [2, 5, 6, 8, 10, 11, 12, 13, 15], [2, 5, 6, 8, 10, 11, 12, 14], [2, 5, 6, 8, 10, 11, 12, 14, 15], [2, 5, 6, 8, 10, 11, 12, 15], [2, 5, 6, 8, 10, 11, 14], [2, 5, 6, 8, 10, 11, 14, 15], [2, 5, 6, 8, 10, 11, 15], [2, 5, 6, 8, 10, 12], [2, 5, 6, 8, 10, 12, 13], [2, 5, 6, 8, 10, 12, 13, 14], [2, 5, 6, 8, 10, 12, 13, 14, 15], [2, 5, 6, 8, 10, 12, 13, 15], [2, 5, 6, 8, 10, 12, 14], [2, 5, 6, 8, 10, 12, 14, 15], [2, 5, 6, 8, 10, 12, 15], [2, 5, 6, 8, 10, 14], [2, 5, 6, 8, 10, 14, 15], [2, 5, 6, 8, 10, 15], [2, 5, 6, 8, 11], [2, 5, 6, 8, 11, 12], [2, 5, 6, 8, 11, 12, 13], [2, 5, 6, 8, 11, 12, 13, 14, 15], [2, 5, 6, 8, 11, 12, 13, 15], [2, 5, 6, 8, 11, 12, 14], [2, 5, 6, 8, 11, 12, 14, 15], [2, 5, 6, 8, 11, 12, 15], [2, 5, 6, 8, 11, 14, 15], [2, 5, 6, 8, 11, 15], [2, 5, 6, 8, 12], [2, 5, 6, 8, 12, 13], [2, 5, 6, 8, 12, 13, 14, 15], [2, 5, 6, 8, 12, 13, 15], [2, 5, 6, 8, 12, 14], [2, 5, 6, 8, 12, 14, 15], [2, 5, 6, 8, 12, 15], [2, 5, 6, 8, 14, 15], [2, 5, 6, 8, 15], [2, 5, 6, 9], [2, 5, 6, 9, 10], [2, 5, 6, 9, 10, 11, 12, 13], [2, 5, 6, 9, 10, 11, 12, 13, 14], [2, 5, 6, 9, 10, 11, 12, 13, 14, 15], [2, 5, 6, 9, 10, 11, 12, 13, 15], [2, 5, 6, 9, 10, 11, 12, 14, 15], [2, 5, 6, 9, 10, 11, 12, 15], [2, 5, 6, 9, 10, 11, 13], [2, 5, 6, 9, 10, 11, 13, 15], [2, 5, 6, 9, 10, 11, 14, 15], [2, 5, 6, 9, 10, 11, 15], [2, 5, 6, 9, 10, 12, 13], [2, 5, 6, 9, 10, 12, 13, 14], [2, 5, 6, 9, 10, 12, 13, 14, 15], [2, 5, 6, 9, 10, 12, 13, 15], [2, 5, 6, 9, 10, 12, 14], [2, 5, 6, 9, 10, 12, 14, 15], [2, 5, 6, 9, 10, 12, 15], [2, 5, 6, 9, 10, 13, 15], [2, 5, 6, 9, 10, 14], [2, 5, 6, 9, 10, 14, 15], [2, 5, 6, 9, 10, 15], [2, 5, 6, 9, 11, 12, 13], [2, 5, 6, 9, 11, 12, 13, 14], [2, 5, 6, 9, 11, 12, 13, 14, 15], [2, 5, 6, 9, 11, 12, 13, 15], [2, 5, 6, 9, 11, 12, 14], [2, 5, 6, 9, 11, 12, 14, 15], [2, 5, 6, 9, 11, 12, 15], [2, 5, 6, 9, 11, 13, 15], [2, 5, 6, 9, 11, 14], [2, 5, 6, 9, 11, 14, 15], [2, 5, 6, 9, 11, 15], [2, 5, 6, 9, 12, 13], [2, 5, 6, 9, 12, 13, 14], [2, 5, 6, 9, 12, 13, 14, 15], [2, 5, 6, 9, 12, 13, 15], [2, 5, 6, 9, 12, 14], [2, 5, 6, 9, 12, 14, 15], [2, 5, 6, 9, 12, 15], [2, 5, 6, 9, 13, 15], [2, 5, 6, 9, 14], [2, 5, 6, 9, 14, 15], [2, 5, 6, 9, 15], [2, 5, 6, 10, 11, 12, 13, 14], [2, 5, 6, 10, 11, 12, 13, 14, 15] , [2, 5, 6, 10, 11, 12, 13, 15], [2, 5, 6, 10, 11, 12, 14, 15], [2, 5, 6, 10, 11, 12, 15], [2, 5, 6, 10, 11, 14, 15], [2, 5, 6, 10, 11, 15], [2, 5, 6, 10, 12, 13], [2, 5, 6, 10, 12, 13, 14], [2, 5, 6, 10, 12, 13, 14, 15], [2, 5, 6, 10, 12, 13, 15], [2, 5, 6, 10, 12, 14], [2, 5, 6, 10, 14], [2, 5, 6, 10, 14, 15], [2, 5, 6, 10, 15], [2, 5, 6, 11, 12, 13], [2, 5, 6, 11, 12, 13, 14, 15], [2, 5, 6, 11, 12, 13, 15], [2, 5, 6, 11, 12, 14, 15], [2, 5, 6, 11, 12, 15], [2, 5, 6, 11, 14, 15], [2, 5, 6, 11, 15], [2, 5, 6, 12, 13], [2, 5, 6, 12, 13, 14, 15], [2, 5, 6, 12, 13, 15], [2, 5, 6, 12, 14], [2, 5, 6, 12, 14, 15], [2, 5, 6, 12, 15], [2, 5, 6, 14, 15], [2, 5, 6, 15], [2, 5, 7], [2, 5, 7, 8], [2, 5, 7, 8, 9], [2, 5, 7, 8, 9, 10], [2, 5, 7, 8, 9, 10, 11], [2, 5, 7, 8, 9, 10, 11, 12, 13], [2, 5, 7, 8, 9, 10, 11, 12, 13, 14], [2, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 5, 7, 8, 9, 10, 11, 12, 13, 15], [2, 5, 7, 8, 9, 10, 11, 12, 14], [2, 5, 7, 8, 9, 10, 11, 12, 14, 15], [2, 5, 7, 8, 9, 10, 11, 13], [2, 5, 7, 8, 9, 10, 11, 13, 14], [2, 5, 7, 8, 9, 10, 11, 13, 14, 15], [2, 5, 7, 8, 9, 10, 11, 13, 15], [2, 5, 7, 8, 9, 10, 11, 14], [2, 5, 7, 8, 9, 10, 11, 14, 15], [2, 5, 7, 8, 9, 10, 11, 15], [2, 5, 7, 8, 9, 10, 12, 13], [2, 5, 7, 8, 9, 10, 12, 13, 14], [2, 5, 7, 8, 9, 10, 12, 13, 14, 15], [2, 5, 7, 8, 9, 10, 12, 13, 15], [2, 5, 7, 8, 9, 10, 12, 14], [2, 5, 7, 8, 9, 10, 12, 14, 15], [2, 5, 7, 8, 9, 10, 13], [2, 5, 7, 8, 9, 10, 13, 14], [2, 5, 7, 8, 9, 10, 13, 14, 15], [2, 5, 7, 8, 9, 10, 13, 15], [2, 5, 7, 8, 9, 10, 14], [2, 5, 7, 8, 9, 10, 14, 15], [2, 5, 7, 8, 9, 10, 15], [2, 5, 7, 8, 9, 11], [2, 5, 7, 8, 9, 11, 12, 13], [2, 5, 7, 8, 9, 11, 12, 13, 14], [2, 5, 7, 8, 9, 11, 12, 13, 14, 15], [2, 5, 7, 8, 9, 11, 12, 13, 15], [2, 5, 7, 8, 9, 11, 12, 14], [2, 5, 7, 8, 9, 11, 12, 14, 15], [2, 5, 7, 8, 9, 11, 13, 14, 15] , [2, 5, 7, 8, 9, 11, 13, 15], [2, 5, 7, 8, 9, 11, 14], [2, 5, 7, 8, 9, 11, 14, 15], [2, 5, 7, 8, 9, 11, 15], [2, 5, 7, 8, 9, 12, 13], [2, 5, 7, 8, 9, 12, 13, 14], [2, 5, 7, 8, 9, 12, 13, 14, 15], [2, 5, 7, 8, 9, 12, 13, 15], [2, 5, 7, 8, 9, 12, 14], [2, 5, 7, 8, 9, 12, 14, 15], [2, 5, 7, 8, 9, 13, 14, 15], [2, 5, 7, 8, 9, 13, 15], [2, 5, 7, 8, 9, 14], [2, 5, 7, 8, 9, 14, 15], [2, 5, 7, 8, 9, 15], [2, 5, 7, 8, 10], [2, 5, 7, 8, 10, 11], [2, 5, 7, 8, 10, 11, 12, 13], [2, 5, 7, 8, 10, 11, 12, 13, 14], [2, 5, 7, 8, 10, 11, 12, 13, 14, 15], [2, 5, 7, 8, 10, 11, 12, 13, 15], [2, 5, 7, 8, 10, 11, 12, 14], [2, 5, 7, 8, 10, 11, 12, 14, 15], [2, 5, 7, 8, 10, 11, 13], [2, 5, 7, 8, 10, 11, 13, 14, 15], [2, 5, 7, 8, 10, 11, 13, 15], [2, 5, 7, 8, 10, 11, 14], [2, 5, 7, 8, 10, 11, 14, 15], [2, 5, 7, 8, 10, 11, 15], [2, 5, 7, 8, 10, 12, 13], [2, 5, 7, 8, 10, 12, 13, 14], [2, 5, 7, 8, 10, 12, 13, 14, 15], [2, 5, 7, 8, 10, 12, 13, 15], [2, 5, 7, 8, 10, 12, 14], [2, 5, 7, 8, 10, 12, 14, 15], [2, 5, 7, 8, 10, 13], [2, 5, 7, 8, 10, 13, 14, 15], [2, 5, 7, 8, 10, 13, 15], [2, 5, 7, 8, 10, 14], [2, 5, 7, 8, 10, 14, 15], [2, 5, 7, 8, 10, 15], [2, 5, 7, 8, 11], [2, 5, 7, 8, 11, 12, 13], [2, 5, 7, 8, 11, 12, 13, 14], [2, 5, 7, 8, 11, 12, 13, 14, 15], [2, 5, 7, 8, 11, 12, 13, 15], [2, 5, 7, 8, 11, 12, 14], [2, 5, 7, 8, 11, 12, 14, 15], [2, 5, 7, 8, 11, 13], [2, 5, 7, 8, 11, 13, 15], [2, 5, 7, 8, 11, 14], [2, 5, 7, 8, 11, 14, 15], [2, 5, 7, 8, 11, 15], [2, 5, 7, 8, 12, 13], [2, 5, 7, 8, 12, 13, 14], [2, 5, 7, 8, 12, 13, 14, 15], [2, 5, 7, 8, 12, 13, 15], [2, 5, 7, 8, 12, 14], [2, 5, 7, 8, 12, 14, 15], [2, 5, 7, 8, 13], [2, 5, 7, 8, 13, 15], [2, 5, 7, 8, 14], [2, 5, 7, 8, 14, 15], [2, 5, 7, 8, 15], [2, 5, 7, 9, 10, 11], [2, 5, 7, 9, 10, 11, 12, 13], [2, 5, 7, 9, 10, 11, 12, 13, 14], [2, 5, 7, 9, 10, 11, 12, 13, 14, 15], [2, 5, 7, 9, 10, 11, 12, 13, 15], [2, 5, 7, 9, 10, 11, 12, 14], [2, 5, 7, 9, 10, 11, 12, 14, 15], [2, 5, 7, 9, 10, 11, 13], [2, 5, 7, 9, 10, 11, 13, 14], [2, 5, 7, 9, 10, 11, 13, 14, 15], [2, 5, 7, 9, 10, 11, 13, 15], [2, 5, 7, 9, 10, 11, 14], [2, 5, 7, 9, 10, 11, 14, 15], [2, 5, 7, 9, 10, 11, 15], [2, 5, 7, 9, 10, 12, 13], [2, 5, 7, 9, 10, 12, 13, 14], [2, 5, 7, 9, 10, 12, 13, 14, 15], [2, 5, 7, 9, 10, 12, 13, 15], [2, 5, 7, 9, 10, 12, 14], [2, 5, 7, 9, 10, 12, 14, 15], [2, 5, 7, 9, 10, 13], [2, 5, 7, 9, 10, 13, 14], [2, 5, 7, 9, 10, 13, 14, 15], [2, 5, 7, 9, 10, 13, 15], [2, 5, 7, 9, 10, 14], [2, 5, 7, 9, 10, 14, 15], [2, 5, 7, 9, 10, 15], [2, 5, 7, 9, 11], [2, 5, 7, 9, 11, 12, 13], [2, 5, 7, 9, 11, 12, 13, 14], [2, 5, 7, 9, 11, 12, 13, 14, 15], [2, 5, 7, 9, 11, 12, 13, 15], [2, 5, 7, 9, 11, 12, 14], [2, 5, 7, 9, 11, 12, 14, 15], [2, 5, 7, 9, 11, 13, 14, 15], [2, 5, 7, 9, 11, 13, 15], [2, 5, 7, 9, 11, 14], [2, 5, 7, 9, 11, 14, 15], [2, 5, 7, 9, 11, 15], [2, 5, 7, 9, 12, 13], [2, 5, 7, 9, 12, 13, 14], [2, 5, 7, 9, 12, 13, 14, 15], [2, 5, 7, 9, 12, 13, 15], [2, 5, 7, 9, 12, 14], [2, 5, 7, 9, 12, 14, 15], [2, 5, 7, 9, 13, 14, 15], [2, 5, 7, 9, 13, 15], [2, 5, 7, 9, 14], [2, 5, 7, 9, 14, 15], [2, 5, 7, 9, 15], [2, 5, 7, 10], [2, 5, 7, 10, 11], [2, 5, 7, 10, 11, 12, 13], [2, 5, 7, 10, 11, 12, 13, 14], [2, 5, 7, 10, 11, 12, 13, 14, 15], [2, 5, 7, 10, 11, 12, 13, 15], [2, 5, 7, 10, 11, 12, 14], [2, 5, 7, 10, 11, 12, 14, 15], [2, 5, 7, 10, 11, 13], [2, 5, 7, 10, 11, 13, 14, 15], [2, 5, 7, 10, 11, 13, 15], [2, 5, 7, 10, 11, 14], [2, 5, 7, 10, 11, 14, 15], [2, 5, 7, 10, 11, 15], [2, 5, 7, 10, 12, 13], [2, 5, 7, 10, 12, 13, 14], [2, 5, 7, 10, 12, 13, 14, 15], [2, 5, 7, 10, 12, 13, 15], [2, 5, 7, 10, 12, 14], [2, 5, 7, 10, 12, 14, 15], [2, 5, 7, 10, 13], [2, 5, 7, 10, 13, 14, 15], [2, 5, 7, 10, 13, 15], [2, 5, 7, 10, 14], [2, 5, 7, 10, 14, 15], [2, 5, 7, 10, 15], [2, 5, 7, 11], [2, 5, 7, 11, 12, 13], [2, 5, 7, 11, 12, 13, 14], [2, 5, 7, 11, 12, 13, 14, 15], [2, 5, 7, 11, 12, 13, 15], [2, 5, 7, 11, 12, 14], [2, 5, 7, 11, 12, 14, 15], [2, 5, 7, 11, 13], [2, 5, 7, 11, 13, 15], [2, 5, 7, 11, 14], [2, 5, 7, 11, 14, 15], [2, 5, 7, 11, 15], [2, 5, 7, 12, 13], [2, 5, 7, 12, 13, 14], [2, 5, 7, 12, 13, 14, 15], [2, 5, 7, 12, 13, 15], [2, 5, 7, 12, 14], [2, 5, 7, 12, 14, 15], [2, 5, 7, 13], [2, 5, 7, 13, 15], [2, 5, 7, 14], [2, 5, 7, 14, 15], [2, 5, 7, 15], [2, 5, 8], [2, 5, 8, 9], [2, 5, 8, 9, 10], [2, 5, 8, 9, 10, 11], [2, 5, 8, 9, 10, 11, 12], [2, 5, 8, 9, 10, 11, 12, 13], [2, 5, 8, 9, 10, 11, 12, 13, 14], [2, 5, 8, 9, 10, 11, 12, 13, 14, 15], [2, 5, 8, 9, 10, 11, 12, 13, 15], [2, 5, 8, 9, 10, 11, 12, 14], [2, 5, 8, 9, 10, 11, 12, 14, 15], [2, 5, 8, 9, 10, 11, 12, 15], [2, 5, 8, 9, 10, 11, 13, 15], [2, 5, 8, 9, 10, 11, 14], [2, 5, 8, 9, 10, 11, 14, 15], [2, 5, 8, 9, 10, 11, 15], [2, 5, 8, 9, 10, 12], [2, 5, 8, 9, 10, 12, 13], [2, 5, 8, 9, 10, 12, 13, 14], [2, 5, 8, 9, 10, 12, 13, 14, 15], [2, 5, 8, 9, 10, 12, 13, 15], [2, 5, 8, 9, 10, 12, 14], [2, 5, 8, 9, 10, 12, 14, 15], [2, 5, 8, 9, 10, 12, 15], [2, 5, 8, 9, 10, 13, 15], [2, 5, 8, 9, 10, 14], [2, 5, 8, 9, 10, 14, 15], [2, 5, 8, 9, 10, 15], [2, 5, 8, 9, 11], [2, 5, 8, 9, 11, 12], [2, 5, 8, 9, 11, 12, 13], [2, 5, 8, 9, 11, 12, 13, 14, 15], [2, 5, 8, 9, 11, 12, 13, 15], [2, 5, 8, 9, 11, 12, 14], [2, 5, 8, 9, 11, 12, 14, 15], [2, 5, 8, 9, 11, 12, 15], [2, 5, 8, 9, 11, 14], [2, 5, 8, 9, 11, 14, 15], [2, 5, 8, 9, 11, 15], [2, 5, 8, 9, 12], [2, 5, 8, 9, 12, 13], [2, 5, 8, 9, 12, 13, 14, 15], [2, 5, 8, 9, 12, 13, 15], [2, 5, 8, 9, 12, 14], [2, 5, 8, 9, 12, 14, 15], [2, 5, 8, 9, 12, 15], [2, 5, 8, 9, 14], [2, 5, 8, 9, 14, 15], [2, 5, 8, 9, 15], [2, 5, 8, 10], [2, 5, 8, 10, 11], [2, 5, 8, 10, 11, 12], [2, 5, 8, 10, 11, 12, 13], [2, 5, 8, 10, 11, 12, 13, 14, 15], [2, 5, 8, 10, 11, 12, 13, 15], [2, 5, 8, 10, 11, 12, 14], [2, 5, 8, 10, 11, 12, 14, 15], [2, 5, 8, 10, 11, 12, 15], [2, 5, 8, 10, 11, 14, 15], [2, 5, 8, 10, 11, 15], [2, 5, 8, 10, 12], [2, 5, 8, 10, 12, 13], [2, 5, 8, 10, 12, 13, 14, 15], [2, 5, 8, 10, 12, 13, 15], [2, 5, 8, 10, 12, 14], [2, 5, 8, 10, 12, 14, 15], [2, 5, 8, 10, 12, 15], [2, 5, 8, 10, 14, 15], [2, 5, 8, 10, 15], [2, 5, 8, 11], [2, 5, 8, 11, 12], [2, 5, 8, 11, 12, 13], [2, 5, 8, 11, 12, 13, 15], [2, 5, 8, 11, 12, 14], [2, 5, 8, 11, 12, 14, 15], [2, 5, 8, 11, 12, 15], [2, 5, 8, 11, 15], [2, 5, 8, 12], [2, 5, 8, 12, 13], [2, 5, 8, 12, 13, 15], [2, 5, 8, 12, 14], [2, 5, 8, 12, 14, 15], [2, 5, 8, 12, 15], [2, 5, 8, 15], [2, 5, 9], [2, 5, 9, 10], [2, 5, 9, 10, 11, 12], [2, 5, 9, 10, 11, 12, 13], [2, 5, 9, 10, 11, 12, 13, 14], [2, 5, 9, 10, 11, 12, 13, 14, 15], [2, 5, 9, 10, 11, 12, 13, 15], [2, 5, 9, 10, 11, 12, 14], [2, 5, 9, 10, 11, 12, 14, 15], [2, 5, 9, 10, 11, 12, 15], [2, 5, 9, 10, 11, 13, 15], [2, 5, 9, 10, 11, 14], [2, 5, 9, 10, 11, 14, 15], [2, 5, 9, 10, 11, 15], [2, 5, 9, 10, 12, 13], [2, 5, 9, 10, 12, 13, 14], [2, 5, 9, 10, 12, 13, 14, 15], [2, 5, 9, 10, 12, 13, 15], [2, 5, 9, 10, 12, 14], [2, 5, 9, 10, 12, 14, 15], [2, 5, 9, 10, 12, 15], [2, 5, 9, 10, 13, 15], [2, 5, 9, 10, 14], [2, 5, 9, 10, 14, 15], [2, 5, 9, 10, 15], [2, 5, 9, 11], [2, 5, 9, 11, 12], [2, 5, 9, 11, 12, 13], [2, 5, 9, 11, 12, 13, 14, 15], [2, 5, 9, 11, 12, 13, 15], [2, 5, 9, 11, 12, 14], [2, 5, 9, 11, 12, 14, 15], [2, 5, 9, 11, 12, 15], [2, 5, 9, 11, 14], [2, 5, 9, 11, 14, 15], [2, 5, 9, 11, 15], [2, 5, 9, 12, 13], [2, 5, 9, 12, 13, 14, 15], [2, 5, 9, 12, 13, 15], [2, 5, 9, 12, 14], [2, 5, 9, 12, 14, 15], [2, 5, 9, 12, 15], [2, 5, 9, 14], [2, 5, 9, 14, 15], [2, 5, 9, 15], [2, 5, 10], [2, 5, 10, 11, 12, 13], [2, 5, 10, 11, 12, 13, 14, 15], [2, 5, 10, 11, 12, 13, 15], [2, 5, 10, 11, 12, 14, 15], [2, 5, 10, 11, 12, 15], [2, 5, 10, 11, 14, 15], [2, 5, 10, 11, 15], [2, 5, 10, 12], [2, 5, 10, 12, 13], [2, 5, 10, 12, 13, 14, 15], [2, 5, 10, 12, 13, 15], [2, 5, 10, 12, 14], [2, 5, 10, 14, 15], [2, 5, 10, 15], [2, 5, 11, 12, 13], [2, 5, 11, 12, 13, 15], [2, 5, 11, 12, 14], [2, 5, 11, 12, 14, 15], [2, 5, 11, 12, 15], [2, 5, 11, 15], [2, 5, 12], [2, 5, 12, 13], [2, 5, 12, 13, 15], [2, 5, 12, 14], [2, 5, 12, 14, 15], [2, 5, 12, 15], [2, 5, 15], [2, 6], [2, 6, 7, 8, 9, 10, 11, 12, 13], [2, 6, 7, 8, 9, 10, 11, 12, 13, 14], [2, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 6, 7, 8, 9, 10, 11, 12, 13, 15], [2, 6, 7, 8, 9, 10, 11, 12, 14], [2, 6, 7, 8, 9, 10, 11, 12, 14, 15], [2, 6, 7, 8, 9, 10, 11, 13], [2, 6, 7, 8, 9, 10, 11, 13, 14], [2, 6, 7, 8, 9, 10, 11, 13, 14, 15], [2, 6, 7, 8, 9, 10, 11, 13, 15], [2, 6, 7, 8, 9, 10, 11, 14], [2, 6, 7, 8, 9, 10, 11, 14, 15], [2, 6, 7, 8, 9, 10, 12, 13], [2, 6, 7, 8, 9, 10, 12, 13, 14], [2, 6, 7, 8, 9, 10, 12, 13, 14, 15], [2, 6, 7, 8, 9, 10, 12, 13, 15], [2, 6, 7, 8, 9, 10, 13], [2, 6, 7, 8, 9, 10, 13, 14], [2, 6, 7, 8, 9, 10, 13, 14, 15], [2, 6, 7, 8, 9, 10, 13, 15], [2, 6, 7, 8, 9, 10, 14], [2, 6, 7, 8, 9, 10, 14, 15], [2, 6, 7, 8, 9, 11, 12, 13], [2, 6, 7, 8, 9, 11, 12, 13, 14], [2, 6, 7, 8, 9, 11, 12, 13, 14, 15], [2, 6, 7, 8, 9, 11, 12, 13, 15], [2, 6, 7, 8, 9, 11, 12, 14], [2, 6, 7, 8, 9, 11, 12, 14, 15], [2, 6, 7, 8, 9, 11, 13, 14], [2, 6, 7, 8, 9, 11, 13, 14, 15], [2, 6, 7, 8, 9, 11, 13, 15], [2, 6, 7, 8, 9, 11, 14], [2, 6, 7, 8, 9, 11, 14, 15], [2, 6, 7, 8, 9, 12, 13], [2, 6, 7, 8, 9, 12, 13, 14], [2, 6, 7, 8, 9, 12, 13, 14, 15], [2, 6, 7, 8, 9, 12, 13, 15], [2, 6, 7, 8, 9, 12, 14, 15], [2, 6, 7, 8, 9, 13, 14], [2, 6, 7, 8, 9, 13, 14, 15], [2, 6, 7, 8, 9, 13, 15], [2, 6, 7, 8, 9, 14], [2, 6, 7, 8, 9, 14, 15], [2, 6, 7, 8, 10, 11, 12, 13], [2, 6, 7, 8, 10, 11, 12, 13, 14], [2, 6, 7, 8, 10, 11, 12, 13, 14, 15], [2, 6, 7, 8, 10, 11, 12, 13, 15], [2, 6, 7, 8, 10, 11, 12, 14], [2, 6, 7, 8, 10, 11, 12, 14, 15], [2, 6, 7, 8, 10, 11, 13], [2, 6, 7, 8, 10, 11, 13, 14], [2, 6, 7, 8, 10, 11, 13, 14, 15], [2, 6, 7, 8, 10, 11, 13, 15], [2, 6, 7, 8, 10, 11, 14], [2, 6, 7, 8, 10, 11, 14, 15], [2, 6, 7, 8, 10, 11, 15], [2, 6, 7, 8, 10, 12, 13], [2, 6, 7, 8, 10, 12, 13, 14], [2, 6, 7, 8, 10, 12, 13, 14, 15], [2, 6, 7, 8, 10, 12, 13, 15], [2, 6, 7, 8, 10, 12, 14, 15], [2, 6, 7, 8, 10, 13], [2, 6, 7, 8, 10, 13, 14], [2, 6, 7, 8, 10, 13, 14, 15], [2, 6, 7, 8, 10, 13, 15], [2, 6, 7, 8, 10, 14], [2, 6, 7, 8, 10, 14, 15], [2, 6, 7, 8, 11, 12, 13], [2, 6, 7, 8, 11, 12, 13, 14], [2, 6, 7, 8, 11, 12, 13, 14, 15], [2, 6, 7, 8, 11, 12, 13, 15], [2, 6, 7, 8, 11, 12, 14], [2, 6, 7, 8, 11, 12, 14, 15], [2, 6, 7, 8, 11, 13], [2, 6, 7, 8, 11, 13, 14], [2, 6, 7, 8, 11, 13, 14, 15], [2, 6, 7, 8, 11, 13, 15], [2, 6, 7, 8, 11, 14], [2, 6, 7, 8, 11, 14, 15], [2, 6, 7, 8, 11, 15], [2, 6, 7, 8, 12, 13], [2, 6, 7, 8, 12, 13, 14], [2, 6, 7, 8, 12, 13, 14, 15], [2, 6, 7, 8, 12, 13, 15], [2, 6, 7, 8, 12, 14], [2, 6, 7, 8, 12, 14, 15], [2, 6, 7, 8, 13], [2, 6, 7, 8, 13, 14], [2, 6, 7, 8, 13, 14, 15], [2, 6, 7, 8, 13, 15], [2, 6, 7, 8, 14], [2, 6, 7, 8, 14, 15], [2, 6, 7, 9, 10, 11, 12, 13], [2, 6, 7, 9, 10, 11, 12, 13, 14], [2, 6, 7, 9, 10, 11, 12, 13, 14, 15], [2, 6, 7, 9, 10, 11, 12, 13, 15], [2, 6, 7, 9, 10, 11, 13], [2, 6, 7, 9, 10, 11, 13, 14], [2, 6, 7, 9, 10, 11, 13, 14, 15], [2, 6, 7, 9, 10, 11, 13, 15], [2, 6, 7, 9, 10, 11, 14], [2, 6, 7, 9, 10, 11, 14, 15], [2, 6, 7, 9, 10, 12, 13], [2, 6, 7, 9, 10, 12, 13, 14], [2, 6, 7, 9, 10, 12, 13, 14, 15], [2, 6, 7, 9, 10, 12, 13, 15], [2, 6, 7, 9, 10, 13], [2, 6, 7, 9, 10, 13, 14], [2, 6, 7, 9, 10, 13, 14, 15], [2, 6, 7, 9, 10, 13, 15], [2, 6, 7, 9, 10, 14], [2, 6, 7, 9, 10, 14, 15], [2, 6, 7, 9, 11, 12, 13], [2, 6, 7, 9, 11, 12, 13, 14], [2, 6, 7, 9, 11, 12, 13, 14, 15], [2, 6, 7, 9, 11, 12, 13, 15], [2, 6, 7, 9, 11, 12, 14, 15], [2, 6, 7, 9, 11, 13], [2, 6, 7, 9, 11, 13, 14], [2, 6, 7, 9, 11, 13, 14, 15], [2, 6, 7, 9, 11, 13, 15], [2, 6, 7, 9, 11, 14], [2, 6, 7, 9, 11, 14, 15], [2, 6, 7, 9, 12, 13], [2, 6, 7, 9, 12, 13, 14], [2, 6, 7, 9, 12, 13, 14, 15], [2, 6, 7, 9, 12, 13, 15], [2, 6, 7, 9, 13, 14], [2, 6, 7, 9, 13, 14, 15], [2, 6, 7, 9, 13, 15], [2, 6, 7, 9, 14], [2, 6, 7, 9, 14, 15], [2, 6, 7, 10, 11, 12, 13], [2, 6, 7, 10, 11, 12, 13, 14], [2, 6, 7, 10, 11, 12, 13, 14, 15], [2, 6, 7, 10, 11, 12, 13, 15], [2, 6, 7, 10, 11, 12, 14, 15], [2, 6, 7, 10, 11, 13], [2, 6, 7, 10, 11, 13, 14], [2, 6, 7, 10, 11, 13, 14, 15], [2, 6, 7, 10, 11, 13, 15], [2, 6, 7, 10, 11, 14], [2, 6, 7, 10, 11, 14, 15], [2, 6, 7, 10, 12, 13], [2, 6, 7, 10, 12, 13, 14], [2,

6, 7, 10, 12, 13, 14, 15], [2, 6, 7, 10, 12, 13, 15], [2, 6, 7, 10, 13], [2, 6, 7, 10, 13, 14], [2, 6,
7, 10, 13, 14, 15], [2, 6, 7, 10, 13, 15], [2, 6, 7, 10, 14], [2, 6, 7, 10, 14, 15], [2, 6, 7, 11, 12,
13], [2, 6, 7, 11, 12, 13, 14], [2, 6, 7, 11, 12, 13, 14, 15], [2, 6, 7, 11, 12, 13, 15], [2, 6, 7, 11,
12, 14], [2, 6, 7, 11, 12, 14, 15], [2, 6, 7, 11, 13], [2, 6, 7, 11, 13, 14], [2, 6, 7, 11, 13, 14, 15
], [2, 6, 7, 11, 13, 15], [2, 6, 7, 11, 14], [2, 6, 7, 11, 14, 15], [2, 6, 7, 12, 13], [2, 6, 7, 12, 13,
14], [2, 6, 7, 12, 13, 14, 15], [2, 6, 7, 12, 13, 15], [2, 6, 7, 13], [2, 6, 7, 13, 14], [2, 6, 7, 13,
14, 15], [2, 6, 7, 13, 15], [2, 6, 7, 14], [2, 6, 7, 14, 15], [2, 6, 8], [2, 6, 8, 9], [2, 6, 8, 9, 10
], [2, 6, 8, 9, 10, 11], [2, 6, 8, 9, 10, 11, 12, 13], [2, 6, 8, 9, 10, 11, 12, 13, 14], [2, 6, 8, 9, 10,
11, 12, 13, 14, 15], [2, 6, 8, 9, 10, 11, 12, 13, 15], [2, 6, 8, 9, 10, 11, 12, 14], [2, 6, 8, 9, 10, 11,
12, 14, 15], [2, 6, 8, 9, 10, 11, 13], [2, 6, 8, 9, 10, 11, 13, 15], [2, 6, 8, 9, 10, 11, 14], [2, 6, 8,
9, 10, 11, 14, 15], [2, 6, 8, 9, 10, 11, 15], [2, 6, 8, 9, 10, 12, 13], [2, 6, 8, 9, 10, 12, 13, 14], [
2, 6, 8, 9, 10, 12, 13, 14, 15], [2, 6, 8, 9, 10, 12, 13, 15], [2, 6, 8, 9, 10, 12, 14], [2, 6, 8, 9, 10,
12, 14, 15], [2, 6, 8, 9, 10, 13], [2, 6, 8, 9, 10, 13, 15], [2, 6, 8, 9, 10, 14], [2, 6, 8, 9, 10, 14,
15], [2, 6, 8, 9, 10, 15], [2, 6, 8, 9, 11], [2, 6, 8, 9, 11, 12, 13], [2, 6, 8, 9, 11, 12, 13, 14], [2,
6, 8, 9, 11, 12, 13, 14, 15], [2, 6, 8, 9, 11, 12, 13, 15], [2, 6, 8, 9, 11, 12, 14], [2, 6, 8, 9, 11,
12, 14, 15], [2, 6, 8, 9, 11, 13], [2, 6, 8, 9, 11, 13, 15], [2, 6, 8, 9, 11, 14], [2, 6, 8, 9, 11, 14,
15], [2, 6, 8, 9, 11, 15], [2, 6, 8, 9, 12, 13], [2, 6, 8, 9, 12, 13, 14], [2, 6, 8, 9, 12, 13, 14, 15],
[2, 6, 8, 9, 12, 13, 15], [2, 6, 8, 9, 12, 14], [2, 6, 8, 9, 12, 14, 15], [2, 6, 8, 9, 13, 15], [2, 6, 8,
9, 14], [2, 6, 8, 9, 14, 15], [2, 6, 8, 9, 15], [2, 6, 8, 10], [2, 6, 8, 10, 11], [2, 6, 8, 10, 11, 12,
13], [2, 6, 8, 10, 11, 12, 13, 14], [2, 6, 8, 10, 11, 12, 13, 14, 15] , [2, 6, 8, 10, 11, 12, 13, 15], [
2, 6, 8, 10, 11, 12, 14], [2, 6, 8, 10, 11, 12, 14, 15], [2, 6, 8, 10, 11, 12, 15], [2, 6, 8, 10, 11, 13
], [2, 6, 8, 10, 11, 13, 15], [2, 6, 8, 10, 11, 14], [2, 6, 8, 10, 11, 14, 15], [2, 6, 8, 10, 11, 15], [

2, 6, 8, 10, 12, 13], [2, 6, 8, 10, 12, 13, 14], [2, 6, 8, 10, 12, 13, 14, 15], [2, 6, 8, 10, 12, 13, 15], [2, 6, 8, 10, 12, 14], [2, 6, 8, 10, 12, 14, 15], [2, 6, 8, 10, 13], [2, 6, 8, 10, 13, 15], [2, 6, 8, 10, 14], [2, 6, 8, 10, 14, 15], [2, 6, 8, 10, 15], [2, 6, 8, 11], [2, 6, 8, 11, 12, 13], [2, 6, 8, 11, 12, 13, 14], [2, 6, 8, 11, 12, 13, 14, 15], [2, 6, 8, 11, 12, 13, 15], [2, 6, 8, 11, 12, 14], [2, 6, 8, 11, 12, 14, 15], [2, 6, 8, 11, 12, 15], [2, 6, 8, 11, 13, 15], [2, 6, 8, 11, 14], [2, 6, 8, 11, 14, 15], [2, 6, 8, 11, 15], [2, 6, 8, 12, 13], [2, 6, 8, 12, 13, 14], [2, 6, 8, 12, 13, 14, 15], [2, 6, 8, 12, 13, 15], [2, 6, 8, 12, 14], [2, 6, 8, 12, 14, 15], [2, 6, 8, 13, 15], [2, 6, 8, 14], [2, 6, 8, 14, 15], [2, 6, 8, 15], [2, 6, 9], [2, 6, 9, 10], [2, 6, 9, 10, 11, 12, 13], [2, 6, 9, 10, 11, 12, 13, 14], [2, 6, 9, 10, 11, 12, 13, 14, 15] , [2, 6, 9, 10, 11, 12, 13, 15], [2, 6, 9, 10, 11, 12, 14], [2, 6, 9, 10, 11, 12, 14, 15], [2, 6, 9, 10, 11, 13], [2, 6, 9, 10, 11, 13, 15], [2, 6, 9, 10, 11, 14], [2, 6, 9, 10, 11, 14, 15], [2, 6, 9, 10, 11, 15], [2, 6, 9, 10, 12, 13], [2, 6, 9, 10, 12, 13, 14], [2, 6, 9, 10, 12, 13, 14, 15], [2, 6, 9, 10, 12, 13, 15], [2, 6, 9, 10, 12, 14], [2, 6, 9, 10, 12, 14, 15], [2, 6, 9, 10, 13], [2, 6, 9, 10, 13, 15], [2, 6, 9, 10, 14], [2, 6, 9, 10, 14, 15], [2, 6, 9, 10, 15], [2, 6, 9, 11], [2, 6, 9, 11, 12, 13], [2, 6, 9, 11, 12, 13, 14], [2, 6, 9, 11, 12, 13, 14, 15], [2, 6, 9, 11, 12, 13, 15], [2, 6, 9, 11, 12, 14], [2, 6, 9, 11, 12, 14, 15], [2, 6, 9, 11, 13], [2, 6, 9, 11, 13, 15], [2, 6, 9, 11, 14], [2, 6, 9, 11, 14, 15], [2, 6, 9, 11, 15], [2, 6, 9, 12, 13], [2, 6, 9, 12, 13, 14], [2, 6, 9, 12, 13, 14, 15], [2, 6, 9, 12, 13, 15], [2, 6, 9, 12, 14], [2, 6, 9, 12, 14, 15], [2, 6, 9, 13], [2, 6, 9, 13, 15], [2, 6, 9, 14], [2, 6, 9, 14, 15], [2, 6, 9, 15], [2, 6, 10], [2, 6, 10, 11, 12, 13], [2, 6, 10, 11, 12, 13, 14], [2, 6, 10, 11, 12, 13, 14, 15], [2, 6, 10, 11, 12, 13, 15], [2, 6, 10, 11, 12, 14, 15], [2, 6, 10, 11, 13], [2, 6, 10, 11, 13, 15], [2, 6, 10, 11, 14, 15], [2, 6, 10, 11, 15], [2, 6, 10, 12, 13], [2, 6, 10, 12, 13, 14], [2, 6, 10, 12, 13, 14, 15], [2, 6, 10, 12, 13, 15], [2, 6, 10, 12, 14], [2, 6, 10, 13], [2, 6, 10, 13, 15], [2, 6, 10, 14], [2, 6, 10, 14, 15], [2, 6, 10, 15], [2, 6, 11, 12, 13], [2, 6, 11, 12, 13, 14], [2, 6, 11, 12, 13, 14, 15], [2, 6, 11, 12, 13, 15], [2, 6, 11, 12, 14], [2, 6, 11, 12, 14, 15], [2, 6, 11, 13, 15], [2, 6, 11, 14, 15], [2, 6, 11, 15], [2, 6, 12, 13], [2, 6, 12, 13, 14], [2, 6, 12, 13, 14, 15], [2, 6, 12, 13, 15], [2, 6, 12, 14], [2, 6, 12, 14, 15], [2, 6, 13, 15], [2, 6, 14], [2, 6, 14, 15], [2, 6, 15], [2, 7, 8, 9, 10, 11, 12, 13], [2, 7, 8, 9, 10, 11, 12, 13, 14], [2, 7, 8, 9, 10, 11, 12, 13, 14, 15], [2, 7, 8, 9, 10, 11, 12, 13, 15], [2, 7, 8, 9, 10, 11, 12, 14], [2, 7, 8, 9, 10, 11, 12, 14, 15], [2, 7, 8, 9, 10, 11, 13], [2, 7, 8, 9, 10, 11, 13, 14], [2, 7, 8, 9, 10, 11, 13, 14, 15], [2, 7, 8, 9, 10, 11, 13, 15], [2, 7, 8, 9, 10, 11, 14], [2, 7, 8, 9, 10, 11, 14, 15], [2, 7, 8, 9, 10, 11, 15], [2, 7, 8, 9, 10, 12, 13], [2, 7, 8, 9, 10, 12, 13, 14], [2, 7, 8, 9, 10, 12, 13, 14, 15], [2, 7, 8, 9, 10, 12, 13, 15], [2, 7, 8, 9, 10, 12, 14, 15], [2, 7, 8, 9, 10, 13], [2, 7, 8, 9, 10, 13, 14], [2, 7, 8, 9, 10, 13, 14, 15], [2, 7, 8, 9, 10, 13, 15], [2, 7, 8, 9, 10, 14], [2, 7, 8, 9, 10, 14, 15], [2, 7, 8, 9, 11, 12, 13], [2, 7, 8, 9, 11, 12, 13, 14], [2, 7, 8, 9, 11, 12, 13, 14, 15], [2, 7, 8, 9, 11, 12, 13, 15], [2, 7, 8, 9, 11, 12, 14], [2, 7, 8, 9, 11, 12, 14, 15], [2, 7, 8, 9, 11, 13, 14], [2, 7, 8, 9, 11, 13, 14, 15], [2, 7, 8, 9, 11, 13, 15], [2, 7, 8, 9, 11, 14], [2, 7, 8, 9, 11, 14, 15], [2, 7, 8, 9, 11, 15], [2, 7, 8, 9, 12, 13], [2, 7, 8, 9, 12, 13, 14], [2, 7, 8, 9, 12, 13, 14, 15], [2, 7, 8, 9, 12, 13, 15], [2, 7, 8, 9, 12, 14, 15], [2, 7, 8, 9, 13, 14], [2, 7, 8, 9, 13, 14, 15], [2, 7, 8, 9, 14], [2, 7, 8, 9, 14, 15], [2, 7, 8, 10, 11], [2, 7, 8, 10, 11, 12, 13], [2, 7, 8, 10, 11, 12, 13, 14], [2, 7, 8, 10, 11, 12, 13, 14, 15], [2, 7, 8, 10, 11, 12, 13, 15], [2, 7, 8, 10, 11, 12, 14], [2, 7, 8, 10, 11, 12, 14, 15], [2, 7, 8, 10, 11, 13], [2, 7, 8, 10, 11, 13, 14], [2, 7, 8, 10, 11, 13, 14, 15], [2, 7, 8, 10, 11, 13, 15], [2, 7, 8, 10, 11, 14], [2, 7, 8, 10, 11, 14, 15], [2, 7, 8, 10, 11, 15], [2, 7, 8, 10, 12, 13], [2, 7, 8, 10, 12, 13, 14], [2, 7, 8, 10, 12, 13, 14, 15], [2, 7, 8, 10, 12, 13, 15], [2, 7, 8, 10, 12, 14], [2, 7, 8, 10, 12, 14, 15], [2, 7, 8, 10, 13], [2, 7, 8, 10, 13, 14], [2, 7, 8, 10, 13, 14, 15], [2, 7, 8, 10, 13, 15], [2, 7, 8, 10, 14], [2, 7, 8, 10, 14, 15], [2, 7, 8, 11], [2, 7, 8, 11, 12, 13], [2, 7, 8, 11, 12, 13, 14], [2, 7, 8, 11, 12, 13, 14, 15], [2, 7, 8, 11, 12, 13, 15], [2, 7, 8, 11, 12, 14], [2, 7, 8, 11, 12, 14, 15], [2, 7, 8, 11, 13], [2, 7, 8, 11, 13, 14], [2, 7, 8, 11, 13, 14, 15], [2, 7, 8, 11, 13, 15], [2, 7, 8, 11, 14], [2, 7, 8, 11, 14, 15], [2, 7, 8, 11, 15], [2, 7, 8, 12, 13], [2, 7, 8, 12, 13, 14], [2, 7, 8, 12, 13, 14, 15], [2, 7, 8, 12, 13, 15], [2, 7, 8, 12, 14], [2, 7, 8, 12, 14, 15], [2, 7, 8, 13], [2, 7, 8, 13, 14], [2, 7, 8, 13, 14, 15], [2, 7, 8, 13, 15], [2, 7, 8, 14], [2, 7, 8, 14, 15], [2, 7, 9, 10, 11, 12, 13], [2, 7, 9, 10, 11, 12, 13, 14], [2, 7, 9, 10, 11, 12, 13, 14, 15] , [2, 7, 9, 10, 11, 12, 13, 15], [2, 7, 9, 10, 11, 12, 14, 15], [2, 7, 9, 10, 11, 13], [2, 7, 9, 10, 11, 13, 14], [2, 7, 9, 10, 11, 13, 14, 15], [2, 7, 9, 10, 11, 13, 15], [2, 7, 9, 10, 11, 14], [2, 7, 9, 10, 11, 14, 15], [2, 7, 9, 10, 12, 13], [2, 7, 9, 10, 12, 13, 14], [2, 7, 9, 10, 12, 13, 14, 15], [2, 7, 9, 10, 12, 13, 15], [2, 7, 9, 10, 13], [2, 7, 9, 10, 13, 14], [2, 7, 9, 10, 13, 14, 15], [2, 7, 9, 10, 13, 15], [2, 7, 9, 10, 14], [2, 7, 9, 10, 14, 15], [2, 7, 9, 11, 12, 13], [2, 7, 9, 11, 12, 13, 14], [2, 7, 9, 11, 12, 13, 14, 15], [2, 7, 9, 11, 12, 13, 15], [2, 7, 9, 11, 12, 14, 15], [2, 7, 9, 11, 13, 14], [2, 7, 9, 11, 13, 14, 15], [2, 7, 9, 11, 13, 15], [2, 7, 9, 11, 14], [2, 7, 9, 11, 14, 15], [2, 7, 9, 12, 13], [2, 7, 9, 12, 13, 14], [2, 7, 9, 12, 13, 14, 15], [2, 7, 9, 12, 13, 15], [2, 7, 9, 13, 14], [2, 7, 9, 13, 14, 15], [2, 7, 9, 13, 15], [2, 7, 9, 14], [2, 7, 9, 14, 15], [2, 7, 10, 11, 12, 13], [2, 7, 10, 11, 12, 13, 14], [2, 7, 10, 11, 12, 13, 14, 15], [2, 7, 10, 11, 12, 13, 15], [2, 7, 10, 11, 12, 14], [2, 7, 10, 11, 12, 14, 15], [2, 7, 10, 11, 13], [2, 7, 10, 11, 13, 14], [2, 7, 10, 11, 13, 14, 15], [2, 7, 10, 11, 13, 15], [2, 7, 10, 11, 14], [2, 7, 10, 11, 14, 15], [2, 7, 10, 12, 13], [2, 7, 10, 12, 13, 14], [2, 7, 10, 12, 13, 14, 15], [2, 7, 10, 12, 13, 15], [2, 7, 10, 12, 14, 15], [2, 7, 10, 13], [2, 7, 10, 13, 14], [2, 7, 10, 13, 14, 15], [2, 7, 10, 13, 15], [2, 7, 10, 14], [2, 7, 10, 14, 15], [2, 7, 11, 12, 13], [2, 7, 11, 12, 13, 14], [2, 7, 11, 12, 13, 14, 15], [2, 7, 11, 12, 13, 15], [2, 7, 11, 12, 14], [2, 7, 11, 12, 14, 15], [2, 7, 11, 13], [

2, 7, 11, 13, 14], [2, 7, 11, 13, 14, 15], [2, 7, 11, 13, 15], [2, 7, 11, 14], [2, 7, 11, 14, 15], [2, 7, 11, 15], [2, 7, 12, 13], [2, 7, 12, 13, 14], [2, 7, 12, 13, 14, 15], [2, 7, 12, 13, 15], [2, 7, 12, 14, 15], [2, 7, 13], [2, 7, 13, 14, 15], [2, 7, 13, 15], [2, 7, 14], [2, 7, 14, 15], [2, 8], [2, 8, 9], [2, 8, 9, 10], [2, 8, 9, 10, 11], [2, 8, 9, 10, 11, 12, 13], [2, 8, 9, 10, 11, 12, 13, 14], [2, 8, 9, 10, 11, 12, 13, 14, 15], [2, 8, 9, 10, 11, 12, 13, 15], [2, 8, 9, 10, 11, 12, 14], [2, 8, 9, 10, 11, 12, 14, 15], [2, 8, 9, 10, 11, 12, 15], [2, 8, 9, 10, 11, 13], [2, 8, 9, 10, 11, 13, 15], [2, 8, 9, 10, 11, 14], [2, 8, 9, 10, 11, 14, 15], [2, 8, 9, 10, 11, 15], [2, 8, 9, 10, 12, 13], [2, 8, 9, 10, 12, 13, 14], [2, 8, 9, 10, 12, 13, 14, 15], [2, 8, 9, 10, 12, 13, 15], [2, 8, 9, 10, 12, 14], [2, 8, 9, 10, 12, 14, 15], [2, 8, 9, 10, 13], [2, 8, 9, 10, 13, 15], [2, 8, 9, 10, 14], [2, 8, 9, 10, 14, 15], [2, 8, 9, 10, 15], [2, 8, 9, 11], [2, 8, 9, 11, 12, 13], [2, 8, 9, 11, 12, 13, 14], [2, 8, 9, 11, 12, 13, 14, 15], [2, 8, 9, 11, 12, 13, 15], [2, 8, 9, 11, 12, 14], [2, 8, 9, 11, 12, 14, 15], [2, 8, 9, 11, 12, 15], [2, 8, 9, 11, 13, 15], [2, 8, 9, 11, 14], [2, 8, 9, 11, 14, 15], [2, 8, 9, 11, 15], [2, 8, 9, 12, 13], [2, 8, 9, 12, 13, 14], [2, 8, 9, 12, 13, 14, 15], [2, 8, 9, 12, 13, 15], [2, 8, 9, 12, 14], [2, 8, 9, 12, 14, 15], [2, 8, 9, 13, 15], [2, 8, 9, 14], [2, 8, 9, 14, 15], [2, 8, 9, 15], [2, 8, 10], [2, 8, 10, 11], [2, 8, 10, 11, 12], [2, 8, 10, 11, 12, 13], [2, 8, 10, 11, 12, 13, 14], [2, 8, 10, 11, 12, 13, 14, 15], [2, 8, 10, 11, 12, 13, 15], [2, 8, 10, 11, 12, 14], [2, 8, 10, 11, 12, 14, 15], [2, 8, 10, 11, 12, 15], [2, 8, 10, 11, 13, 15], [2, 8, 10, 11, 14], [2, 8, 10, 11, 14, 15], [2, 8, 10, 11, 15], [2, 8, 10, 12, 13], [2, 8, 10, 12, 13, 14], [2, 8, 10, 12, 13, 14, 15], [2, 8, 10, 12, 13, 15], [2, 8, 10, 12, 14], [2, 8, 10, 12, 14, 15], [2, 8, 10, 13, 15], [2, 8, 10, 14], [2, 8, 10, 14, 15], [2, 8, 10, 15], [2, 8, 11], [2, 8, 11, 12], [2, 8, 11, 12, 13], [2, 8, 11, 12, 13, 14], [2, 8, 11, 12, 13, 14, 15], [2, 8, 11, 12, 13, 15], [2, 8, 11, 12, 14], [2, 8, 11, 12, 14, 15], [2, 8, 11, 12, 15], [2, 8, 11, 14], [2, 8, 11, 14, 15], [2, 8, 11, 15], [2, 8, 12, 13], [2, 8, 12, 13, 14], [2, 8, 12, 13, 14, 15], [2, 8, 12, 13, 15], [2, 8, 12, 14], [2, 8, 12, 14, 15], [2, 8, 12, 15], [2, 8, 14], [2, 8, 14, 15], [2, 8, 15], [2, 9], [2, 9, 10], [2, 9, 10, 11], [2, 9, 10, 11, 12, 13], [2, 9, 10, 11, 12, 13, 14], [2, 9, 10, 11, 12, 13, 14, 15], [2, 9, 10, 11, 12, 13, 15], [2, 9, 10, 11, 12, 14], [2, 9, 10, 11, 12, 14, 15], [2, 9, 10, 11, 13], [2, 9, 10, 11, 13, 15], [2, 9, 10, 11, 14], [2, 9, 10, 11, 14, 15], [2, 9, 10, 11, 15], [2, 9, 10, 12, 13], [2, 9, 10, 12, 13, 14], [2, 9, 10, 12, 13, 14, 15], [2, 9, 10, 12, 13, 15], [2, 9, 10, 12, 14], [2, 9, 10, 12, 14, 15], [2, 9, 10, 13], [2, 9, 10, 13, 15], [2, 9, 10, 14], [2, 9, 10, 14, 15], [2, 9, 10, 15], [2, 9, 11], [2, 9, 11, 12, 13], [2, 9, 11, 12, 13, 14], [2, 9, 11, 12, 13, 14, 15], [2, 9, 11, 12, 13, 15], [2, 9, 11, 12, 14], [2, 9, 11, 12, 14, 15], [2, 9, 11, 13, 15], [2, 9, 11, 14], [2, 9, 11, 14, 15], [2, 9, 11, 15], [2, 9, 12, 13], [2, 9, 12, 13, 14], [2, 9, 12, 13, 14, 15], [2, 9, 12, 13, 15], [2, 9, 12, 14], [2, 9, 12, 14, 15], [2, 9, 13, 15], [2, 9, 14], [2, 9, 14, 15], [2, 9, 15], [2, 10], [2, 10, 11, 12, 13], [2, 10, 11, 12, 13, 14], [2, 10, 11, 12, 13, 14, 15], [2, 10, 11, 12, 13, 15], [2, 10, 11, 12, 14], [2, 10, 11, 12, 14, 15], [2, 10, 11, 13, 15], [2, 10, 11, 14], [2, 10, 11, 14, 15], [2, 10, 11, 15], [2, 10, 12, 13], [2, 10, 12, 13, 14], [2, 10, 12, 13, 14, 15], [2, 10, 12, 13, 15], [2, 10, 12, 14], [2, 10, 13, 15], [2, 10, 14], [2, 10, 14, 15], [2, 10, 15], [2, 11, 12, 13], [2, 11, 12, 13, 14], [2, 11, 12, 13, 14, 15], [2, 11, 12, 13, 15], [2, 11, 12, 14], [2, 11, 12, 14, 15], [2, 11, 12, 15], [2, 11, 14], [2, 11, 14, 15], [2, 11, 15], [2, 12, 13], [2, 12, 13, 14, 15], [2, 12, 13, 15], [2, 12, 14], [2, 12, 14, 15], [2, 14, 15], [2, 15],

[3], [3, 4, 5], [3, 4, 5, 6], [3, 4, 5, 6, 7, 8], [3, 4, 5, 6, 7, 8, 9, 10, 11], [3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13], [3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14], [3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15], [3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14], [3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15], [3, 4, 5, 6, 7, 8, 9, 10, 11, 13], [3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14], [3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15], [3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 15], [3, 4, 5, 6, 7, 8, 9, 10, 11, 14], [3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 15], [3, 4, 5, 6, 7, 8, 9, 10, 11, 15], [3, 4, 5, 6, 7, 8, 9, 10, 12, 13], [3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14], [3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15], [3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 15], [3, 4, 5, 6, 7, 8, 9, 10, 12, 14], [3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 15], [3, 4, 5, 6, 7, 8, 9, 10, 13], [3, 4, 5, 6, 7, 8, 9, 10, 13, 14] , [3, 4, 5, 6, 7, 8, 9, 10, 13, 14, 15], [3, 4, 5, 6, 7, 8, 9, 10, 13, 15], [3, 4, 5, 6, 7, 8, 9, 10, 14], [3, 4, 5, 6, 7, 8, 9, 10, 14, 15] , [3, 4, 5, 6, 7, 8, 9, 10, 15], [3, 4, 5, 6, 7, 8, 9, 11], [3, 4, 5, 6, 7, 8, 9, 11, 12, 13], [3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14], [3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15], [3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 15], [3, 4, 5, 6, 7, 8, 9, 11, 12, 14], [3, 4, 5, 6, 7, 8, 9, 11, 12, 14, 15], [3, 4, 5, 6, 7, 8, 9, 11, 13, 14], [3, 4, 5, 6, 7, 8, 9, 11, 13, 14, 15], [3, 4, 5, 6, 7, 8, 9, 11, 13, 15], [3, 4, 5, 6, 7, 8, 9, 11, 14], [3, 4, 5, 6, 7, 8, 9, 11, 14, 15] , [3, 4, 5, 6, 7, 8, 9, 11, 15], [3, 4, 5, 6, 7, 8, 9, 12, 13], [3, 4, 5, 6, 7, 8, 9, 12, 13, 14] , [3, 4, 5, 6, 7, 8, 9, 12, 13, 14, 15], [3, 4, 5, 6, 7, 8, 9, 12, 13, 15], [3, 4, 5, 6, 7, 8, 9, 12, 14], [3, 4, 5, 6, 7, 8, 9, 12, 14, 15] , [3, 4, 5, 6, 7, 8, 9, 13, 14], [3, 4, 5, 6, 7, 8, 9, 13, 14, 15], [3, 4, 5, 6, 7, 8, 9, 13, 15], [3, 4, 5, 6, 7, 8, 9, 14], [3, 4, 5, 6, 7, 8, 9, 14, 15], [3, 4, 5, 6, 7, 8, 9, 15], [3, 4, 5, 6, 7, 8, 10], [3, 4, 5, 6, 7, 8, 10, 11], [3, 4, 5, 6, 7, 8, 10, 11, 12, 13], [3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14], [3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15], [3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 15], [3, 4, 5, 6, 7, 8, 10, 11, 12, 14], [3, 4, 5, 6, 7, 8, 10, 11, 12, 14, 15], [3, 4, 5, 6, 7, 8, 10, 11, 13], [3, 4, 5, 6, 7, 8, 10, 11, 13, 14], [3, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15], [3, 4, 5, 6, 7,

8, 10, 11, 13, 15], [3, 4, 5, 6, 7, 8, 10, 11, 14], [3, 4, 5, 6, 7, 8, 10, 11, 14, 15], [3, 4, 5, 6, 7, 8, 10, 11, 15], [3, 4, 5, 6, 7, 8, 10, 12, 13], [3, 4, 5, 6, 7, 8, 10, 12, 13, 14], [3, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15], [3, 4, 5, 6, 7, 8, 10, 12, 13, 15], [3, 4, 5, 6, 7, 8, 10, 12, 14], [3, 4, 5, 6, 7, 8, 10, 12, 14, 15], [3, 4, 5, 6, 7, 8, 10, 13], [3, 4, 5, 6, 7, 8, 10, 13, 14], [3, 4, 5, 6, 7, 8, 10, 13, 14, 15], [3, 4, 5, 6, 7, 8, 10, 13, 15], [3, 4, 5, 6, 7, 8, 10, 14], [3, 4, 5, 6, 7, 8, 10, 14, 15], [3, 4, 5, 6, 7, 8, 10, 15], [3, 4, 5, 6, 7, 8, 11], [3, 4, 5, 6, 7, 8, 11, 12, 13], [3, 4, 5, 6, 7, 8, 11, 12, 13, 14], [3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15], [3, 4, 5, 6, 7, 8, 11, 12, 13, 15], [3, 4, 5, 6, 7, 8, 11, 12, 14], [3, 4, 5, 6, 7, 8, 11, 12, 14, 15], [3, 4, 5, 6, 7, 8, 11, 13], [3, 4, 5, 6, 7, 8, 11, 13, 14, 15], [3, 4, 5, 6, 7, 8, 11, 13, 15], [3, 4, 5, 6, 7, 8, 11, 14], [3, 4, 5, 6, 7, 8, 11, 14, 15], [3, 4, 5, 6, 7, 8, 11, 15], [3, 4, 5, 6, 7, 8, 12, 13], [3, 4, 5, 6, 7, 8, 12, 13, 14], [3, 4, 5, 6, 7, 8, 12, 13, 14, 15], [3, 4, 5, 6, 7, 8, 12, 13, 15], [3, 4, 5, 6, 7, 8, 12, 14], [3, 4, 5, 6, 7, 8, 12, 14, 15], [3, 4, 5, 6, 7, 8, 13], [3, 4, 5, 6, 7, 8, 13, 14, 15], [3, 4, 5, 6, 7, 8, 13, 15], [3, 4, 5, 6, 7, 8, 14], [3, 4, 5, 6, 7, 8, 14, 15], [3, 4, 5, 6, 7, 8, 15], [3, 4, 5, 6, 7, 9, 10, 11, 12, 13], [3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14], [3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15], [3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 15], [3, 4, 5, 6, 7, 9, 10, 11, 12, 14], [3, 4, 5, 6, 7, 9, 10, 11, 12, 14, 15], [3, 4, 5, 6, 7, 9, 10, 11, 13], [3, 4, 5, 6, 7, 9, 10, 11, 13, 14], [3, 4, 5, 6, 7, 9, 10, 11, 13, 14, 15], [3, 4, 5, 6, 7, 9, 10, 11, 13, 15], [3, 4, 5, 6, 7, 9, 10, 11, 14], [3, 4, 5, 6, 7, 9, 10, 11, 14, 15], [3, 4, 5, 6, 7, 9, 10, 11, 15], [3, 4, 5, 6, 7, 9, 10, 12, 13], [3, 4, 5, 6, 7, 9, 10, 12, 13, 14], [3, 4, 5, 6, 7, 9, 10, 12, 13, 14, 15], [3, 4, 5, 6, 7, 9, 10, 12, 13, 15], [3, 4, 5, 6, 7, 9, 10, 12, 14], [3, 4, 5, 6, 7, 9, 10, 12, 14, 15], [3, 4, 5, 6, 7, 9, 10, 13], [3, 4, 5, 6, 7, 9, 10, 13, 14], [3, 4, 5, 6, 7, 9, 10, 13, 14, 15], [3, 4, 5, 6, 7, 9, 10, 13, 15], [3, 4, 5, 6, 7, 9, 10, 14], [3, 4, 5, 6, 7, 9, 10, 14, 15], [3, 4, 5, 6, 7, 9, 11, 12, 13], [3, 4, 5, 6, 7, 9, 11, 12, 13, 14], [3, 4, 5, 6, 7, 9, 11, 12, 13, 14, 15], [3, 4, 5, 6, 7, 9, 11, 12, 13, 15

], [3, 4, 5, 6, 7, 9, 11, 12, 14], [3, 4, 5, 6, 7, 9, 11, 12, 14, 15], [3, 4, 5, 6, 7, 9, 11, 13], [3, 4, 5, 6, 7, 9, 11, 13, 14], [3, 4, 5, 6, 7, 9, 11, 13, 14, 15], [3, 4, 5, 6, 7, 9, 11, 13, 15], [3, 4, 5, 6, 7, 9, 11, 14], [3, 4, 5, 6, 7, 9, 11, 14, 15], [3, 4, 5, 6, 7, 9, 11, 15], [3, 4, 5, 6, 7, 9, 12, 13], [3, 4, 5, 6, 7, 9, 12, 13, 14], [3, 4, 5, 6, 7, 9, 12, 13, 14, 15], [3, 4, 5, 6, 7, 9, 12, 13, 15], [3, 4, 5, 6, 7, 9, 12, 14], [3, 4, 5, 6, 7, 9, 12, 14, 15], [3, 4, 5, 6, 7, 9, 13], [3, 4, 5, 6, 7, 9, 13, 14], [3, 4, 5, 6, 7, 9, 13, 14, 15], [3, 4, 5, 6, 7, 9, 13, 15], [3, 4, 5, 6, 7, 9, 14], [3, 4, 5, 6, 7, 9, 14, 15], [3, 4, 5, 6, 7, 10, 11], [3, 4, 5, 6, 7, 10, 11, 12, 13], [3, 4, 5, 6, 7, 10, 11, 12, 13, 14], [3, 4, 5, 6, 7, 10, 11, 12, 13, 14, 15], [3, 4, 5, 6, 7, 10, 11, 12, 13, 15], [3, 4, 5, 6, 7, 10, 11, 12, 14], [3, 4, 5, 6, 7, 10, 11, 12, 14, 15], [3, 4, 5, 6, 7, 10, 11, 13], [3, 4, 5, 6, 7, 10, 11, 13, 14], [3, 4, 5, 6, 7, 10, 11, 13, 14, 15], [3, 4, 5, 6, 7, 10, 11, 13, 15], [3, 4, 5, 6, 7, 10, 11, 14], [3, 4, 5, 6, 7, 10, 11, 14, 15], [3, 4, 5, 6, 7, 10, 11, 15], [3, 4, 5, 6, 7, 10, 12, 13], [3, 4, 5, 6, 7, 10, 12, 13, 14], [3, 4, 5, 6, 7, 10, 12, 13, 14, 15], [3, 4, 5, 6, 7, 10, 12, 13, 15], [3, 4, 5, 6, 7, 10, 12, 14], [3, 4, 5, 6, 7, 10, 12, 14, 15], [3, 4, 5, 6, 7, 10, 13], [3, 4, 5, 6, 7, 10, 13, 14], [3, 4, 5, 6, 7, 10, 13, 14, 15], [3, 4, 5, 6, 7, 10, 13, 15], [3, 4, 5, 6, 7, 10, 14], [3, 4, 5, 6, 7, 10, 14, 15], [3, 4, 5, 6, 7, 10, 15], [3, 4, 5, 6, 7, 11], [3, 4, 5, 6, 7, 11, 12, 13], [3, 4, 5, 6, 7, 11, 12, 13, 14], [3, 4, 5, 6, 7, 11, 12, 13, 14, 15], [3, 4, 5, 6, 7, 11, 12, 13, 15], [3, 4, 5, 6, 7, 11, 12, 14], [3, 4, 5, 6, 7, 11, 12, 14, 15], [3, 4, 5, 6, 7, 11, 13], [3, 4, 5, 6, 7, 11, 13, 14, 15], [3, 4, 5, 6, 7, 11, 13, 15], [3, 4, 5, 6, 7, 11, 14], [3, 4, 5, 6, 7, 11, 14, 15], [3, 4, 5, 6, 7, 11, 15], [3, 4, 5, 6, 7, 12, 13], [3, 4, 5, 6, 7, 12, 13, 14], [3, 4, 5, 6, 7, 12, 13, 14, 15], [3, 4, 5, 6, 7, 12, 13, 15], [3, 4, 5, 6, 7, 12, 14], [3, 4, 5, 6, 7, 12, 14, 15], [3, 4, 5, 6, 7, 13], [3, 4, 5, 6, 7, 13, 14, 15], [3, 4, 5, 6, 7, 13, 15], [3, 4, 5, 6, 7, 14], [3, 4, 5, 6, 7, 14, 15], [3, 4, 5, 6, 7, 15], [3, 4, 5, 6, 8], [3, 4, 5, 6, 8, 9], [3, 4, 5, 6, 8, 9, 10], [3, 4, 5, 6, 8, 9, 10, 11], [3, 4, 5, 6, 8, 9, 10, 11, 12], [3, 4, 5, 6, 8, 9, 10, 11, 12, 13], [3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14], [3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15], [3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 15], [3, 4, 5, 6, 8, 9, 10, 11, 12, 14], [3, 4, 5, 6, 8, 9, 10, 11, 12, 14, 15], [3, 4, 5, 6, 8, 9, 10, 11, 12, 15], [3, 4, 5, 6, 8, 9, 10, 11, 13], [3, 4, 5, 6, 8, 9, 10, 11, 13, 15], [3, 4, 5, 6, 8, 9, 10, 11, 14], [3, 4, 5, 6, 8, 9, 10, 11, 14, 15], [3, 4, 5, 6, 8, 9, 10, 11, 15], [3, 4, 5, 6, 8, 9, 10, 12, 13], [3, 4, 5, 6, 8, 9, 10, 12, 13, 14], [3, 4, 5, 6, 8, 9, 10, 12, 13, 14, 15], [3, 4, 5, 6, 8, 9, 10, 12, 13, 15], [3, 4, 5, 6, 8, 9, 10, 12, 14], [3, 4, 5, 6, 8, 9, 10, 12, 14, 15], [3, 4, 5, 6, 8, 9, 10, 12, 15], [3, 4, 5, 6, 8, 9, 10, 13], [3, 4, 5, 6, 8, 9, 10, 13, 15], [3, 4, 5, 6, 8, 9, 10, 14], [3, 4, 5, 6, 8, 9, 10, 14, 15], [3, 4, 5, 6, 8, 9, 10, 15], [3, 4, 5, 6, 8, 9, 11], [3, 4, 5, 6, 8, 9, 11, 12], [3, 4, 5, 6, 8, 9, 11, 12, 13], [3, 4, 5, 6, 8, 9, 11, 12, 13, 14], [3, 4, 5, 6, 8, 9, 11, 12, 13, 14, 15], [3, 4, 5, 6, 8, 9, 11, 12, 13, 15], [3, 4, 5, 6, 8, 9, 11, 12, 14], [3, 4, 5, 6, 8, 9, 11, 12, 14, 15], [3, 4, 5, 6, 8, 9, 11, 12, 15], [3, 4, 5, 6, 8, 9, 11, 13, 15], [3, 4, 5, 6, 8, 9, 11, 14], [3, 4, 5, 6, 8, 9, 11, 14, 15], [3, 4, 5, 6, 8, 9, 11, 15], [3, 4, 5, 6, 8, 9, 12, 13], [3, 4, 5, 6, 8, 9, 12, 13, 14], [3, 4, 5, 6, 8, 9, 12, 13, 14, 15], [3, 4, 5, 6, 8, 9, 12, 13, 15], [3, 4, 5, 6, 8, 9, 12, 14], [3, 4, 5, 6, 8, 9, 12, 14, 15], [3, 4, 5, 6, 8, 9, 12, 15], [3, 4, 5, 6, 8, 9, 13, 15], [3, 4, 5, 6, 8, 9, 14], [3, 4, 5, 6, 8, 9, 14, 15], [3, 4, 5, 6, 8, 9, 15], [3, 4, 5, 6, 8, 10], [3, 4, 5, 6, 8, 10, 11], [3, 4, 5, 6, 8, 10, 11, 12], [3, 4, 5, 6, 8, 10, 11, 12, 13], [3, 4, 5, 6, 8, 10, 11, 12, 13, 14], [3, 4, 5, 6, 8, 10, 11, 12, 13, 14, 15], [3, 4, 5, 6, 8, 10, 11, 12, 13, 15], [3, 4, 5, 6, 8, 10, 11, 12, 14], [3, 4, 5, 6, 8, 10, 11, 12, 14, 15], [3, 4, 5, 6, 8, 10, 11, 12, 15], [3, 4, 5, 6, 8, 10, 11, 13, 15] , [3, 4, 5, 6, 8, 10, 11, 14], [3, 4, 5, 6, 8, 10, 11, 14, 15] , [3, 4, 5, 6, 8, 10, 11, 15], [3, 4, 5, 6, 8, 10, 12], [3, 4, 5, 6, 8, 10, 12, 13], [3, 4, 5, 6, 8, 10, 12, 13, 14], [3, 4, 5, 6, 8, 10, 12, 13, 14, 15], [3, 4, 5, 6, 8, 10, 12, 13, 15], [3, 4, 5, 6, 8, 10, 12, 14], [3, 4, 5, 6, 8, 10, 12, 14, 15], [3, 4, 5, 6, 8, 10, 12, 15], [3, 4, 5, 6, 8, 10, 13, 15], [3, 4, 5, 6, 8, 10, 14], [3, 4, 5, 6, 8, 10, 14, 15], [3, 4, 5, 6, 8, 10, 15], [3, 4, 5, 6, 8, 11], [3, 4, 5, 6, 8, 11, 12], [3, 4, 5, 6, 8, 11, 12, 13], [3, 4, 5, 6, 8, 11, 12, 13, 14, 15] , [3, 4, 5, 6, 8, 11, 12, 13, 15], [3, 4, 5, 6, 8, 11, 12, 14], [3, 4, 5, 6, 8, 11, 12, 14, 15], [3, 4, 5, 6, 8, 11, 12, 15], [3, 4, 5, 6, 8, 11, 14], [3, 4, 5, 6, 8, 11, 14, 15], [3, 4, 5, 6, 8, 11, 15], [3, 4, 5, 6, 8, 12], [3, 4, 5, 6, 8, 12, 13], [3, 4, 5, 6, 8, 12, 13, 14, 15], [3, 4, 5, 6, 8, 12, 13, 15], [3, 4, 5, 6, 8, 12, 14], [3, 4, 5, 6, 8, 12, 14, 15], [3, 4, 5, 6, 8, 12, 15], [3, 4, 5, 6, 8, 14], [3, 4, 5, 6, 8, 14, 15], [3, 4, 5, 6, 8, 15], [3, 4, 5, 6, 9], [3, 4, 5, 6, 9, 10], [3, 4, 5, 6, 9, 10, 11, 12, 13], [3, 4, 5, 6, 9, 10, 11, 12, 13, 14], [3, 4, 5, 6, 9, 10, 11, 12, 13, 14, 15], [3, 4, 5, 6, 9, 10, 11, 12, 13, 15], [3, 4, 5, 6, 9, 10, 11, 12, 14], [3, 4, 5, 6, 9, 10, 11, 12, 14, 15], [3, 4, 5, 6, 9, 10, 11, 12, 15], [3, 4, 5, 6, 9, 10, 11, 13], [3, 4, 5, 6, 9, 10, 11, 13, 15], [3, 4, 5, 6, 9, 10, 11, 14], [3, 4, 5, 6, 9, 10, 11, 14, 15], [3, 4, 5, 6, 9, 10, 11, 15], [3, 4, 5, 6, 9, 10, 12, 13], [3, 4, 5, 6, 9, 10, 12, 13, 14], [3, 4, 5, 6, 9, 10, 12, 13, 14, 15], [3, 4, 5, 6, 9, 10, 12, 13, 15], [3, 4, 5, 6, 9, 10, 12, 14], [3, 4, 5, 6, 9, 10, 12, 14, 15], [3, 4, 5, 6, 9, 10, 13], [3, 4, 5, 6, 9, 10, 13, 15], [3, 4, 5, 6, 9, 10, 14], [3, 4, 5, 6, 9, 10, 14, 15], [3, 4, 5, 6, 9, 10, 15], [3, 4, 5, 6, 9, 11], [3, 4, 5, 6, 9, 11, 12, 13], [3, 4, 5, 6, 9, 11, 12, 13, 14], [3, 4, 5, 6, 9, 11, 12, 13, 14, 15], [3, 4, 5, 6, 9, 11, 12, 13, 15], [3, 4, 5, 6, 9, 11, 12, 14], [3, 4, 5, 6, 9, 11, 12, 14, 15], [3, 4, 5, 6, 9, 11, 12, 15], [3, 4, 5, 6, 9, 11, 13, 15], [3, 4, 5, 6, 9, 11, 14], [3, 4, 5, 6, 9, 11, 14, 15], [3, 4, 5, 6, 9, 11, 15], [3, 4, 5, 6, 9, 12, 13], [3, 4, 5, 6, 9, 12, 13, 14], [3, 4, 5, 6, 9, 12, 13, 14, 15], [3, 4, 5, 6, 9, 12, 13, 15], [3, 4, 5, 6, 9, 12, 14], [3, 4, 5, 6, 9, 12, 14, 15], [3, 4, 5, 6, 9, 13, 15], [3, 4, 5, 6, 9, 14], [3, 4, 5, 6, 9, 14, 15], [3, 4, 5, 6, 9, 15], [3, 4, 5, 6, 10], [3, 4, 5, 6, 10, 11, 12, 13], [3, 4, 5, 6, 10, 11, 12, 13, 14], [3, 4, 5, 6, 10, 11, 12, 13, 14, 15], [3, 4, 5, 6, 10, 11, 12, 13, 15], [3, 4, 5, 6, 10, 11, 12, 14, 15], [3, 4, 5, 6, 10, 11, 12, 15], [3, 4, 5, 6, 10, 11, 13, 15], [3, 4, 5, 6, 10, 11, 14, 15], [3, 4, 5, 6, 10, 11, 15], [3, 4, 5, 6, 10, 12, 13], [3, 4, 5, 6, 10, 12, 13, 14], [3, 4, 5, 6, 10, 12, 13, 14, 15], [3, 4, 5, 6, 10, 12, 13, 15], [3, 4, 5, 6, 10, 12, 14], [3, 4, 5, 6, 10, 13, 15], [3, 4, 5, 6, 10, 14], [3, 4, 5, 6, 10, 14, 15], [3, 4, 5, 6, 10, 15], [3, 4, 5, 6, 11, 12, 13], [3, 4, 5, 6, 11, 12, 13, 14, 15], [3, 4, 5, 6, 11, 12, 13, 15], [3, 4, 5, 6, 11, 12, 14], [3, 4, 5, 6, 11, 12, 14, 15], [3, 4, 5, 6, 11, 12, 15], [3, 4, 5, 6, 11, 14, 15], [3, 4, 5, 6, 11, 15], [3, 4, 5, 6, 12, 13], [3, 4, 5, 6, 12, 13, 14, 15], [3, 4, 5, 6, 12, 13, 15], [3, 4, 5, 6, 12, 14], [3, 4, 5, 6, 12, 14, 15], [3, 4, 5, 6, 12, 15], [3, 4, 5, 6, 14, 15], [3, 4, 5, 6, 15], [3, 4, 5, 7, 8], [3, 4, 5, 7, 8, 9], [3, 4, 5, 7, 8, 9, 10], [3, 4, 5, 7, 8, 9, 10, 11], [3, 4, 5, 7, 8, 9, 10, 11, 12, 13], [3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14], [3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15], [3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 15], [3, 4, 5, 7, 8, 9, 10, 11, 12, 14], [3, 4, 5, 7, 8, 9, 10, 11, 12, 14, 15], [3, 4, 5, 7, 8, 9, 10, 11, 13], [3, 4, 5, 7, 8, 9, 10, 11, 13, 14], [3, 4, 5, 7, 8, 9, 10, 11, 13, 14, 15], [3, 4, 5, 7, 8, 9, 10, 11, 13, 15], [3, 4, 5, 7, 8, 9, 10, 11, 14], [3, 4, 5, 7, 8, 9, 10, 11, 14, 15], [3, 4, 5, 7, 8, 9, 10, 11, 15], [3, 4, 5, 7, 8, 9, 10, 12, 13], [3, 4, 5, 7, 8, 9, 10, 12, 13, 14], [3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 15], [3, 4, 5, 7, 8, 9, 10, 12, 13, 15], [3, 4, 5, 7, 8, 9, 10, 12, 14], [3, 4, 5, 7, 8, 9, 10, 12, 14, 15], [3, 4, 5, 7, 8, 9, 10, 13], [3, 4, 5, 7, 8, 9, 10, 13, 14], [3, 4, 5, 7, 8, 9, 10, 13, 14, 15], [3, 4, 5, 7, 8, 9, 10, 13, 15], [3, 4, 5, 7, 8, 9, 10, 14], [3, 4, 5, 7, 8, 9, 10, 14, 15], [3, 4, 5, 7, 8, 9, 10, 15], [3, 4, 5, 7, 8, 9, 11], [3, 4, 5, 7, 8, 9, 11, 12, 13], [3, 4, 5, 7, 8, 9, 11, 12, 13, 14], [3, 4, 5, 7, 8, 9, 11, 12, 13, 14, 15], [3, 4, 5, 7, 8, 9, 11, 12, 13, 15], [3, 4, 5, 7, 8, 9, 11, 12, 14], [3, 4, 5, 7, 8, 9, 11, 12, 14, 15], [3, 4, 5, 7, 8, 9, 11, 13, 14], [3, 4, 5, 7, 8, 9, 11, 13, 14, 15], [3, 4, 5, 7, 8, 9, 11, 13, 15], [3, 4, 5, 7, 8, 9, 11, 14], [3, 4, 5, 7, 8, 9, 11, 14, 15], [3, 4, 5, 7, 8, 9, 11, 15], [3, 4, 5, 7, 8, 9, 12, 13], [3, 4, 5, 7, 8, 9, 12, 13, 14], [3, 4, 5, 7, 8, 9, 12, 13, 14, 15], [3, 4, 5, 7, 8, 9, 12, 13, 15], [3, 4, 5, 7, 8, 9, 12, 14], [3, 4, 5, 7, 8, 9, 12, 14, 15], [3, 4, 5, 7, 8, 9, 13, 14], [3, 4, 5, 7, 8, 9, 13, 14, 15], [3, 4, 5, 7, 8, 9, 13, 15], [3, 4, 5, 7, 8, 9, 14], [3, 4, 5, 7, 8, 9, 14, 15], [3, 4, 5, 7, 8, 9, 15], [3, 4, 5, 7, 8, 10], [3, 4, 5, 7, 8, 10, 11], [3, 4, 5, 7, 8, 10, 11, 12, 13], [3, 4, 5, 7, 8, 10, 11, 12, 13, 14], [3, 4, 5, 7, 8, 10, 11, 12, 13, 14, 15], [3, 4, 5, 7, 8, 10, 11, 12, 13, 15], [3, 4, 5, 7, 8, 10, 11, 12, 14], [3, 4, 5, 7, 8, 10, 11, 12, 14, 15], [3, 4, 5, 7, 8, 10, 11, 13], [3, 4, 5, 7, 8, 10, 11, 13, 14], [3, 4, 5, 7, 8, 10, 11, 13, 14, 15], [3, 4, 5, 7, 8, 10, 11, 13, 15], [3, 4, 5, 7, 8, 10, 11, 14], [3, 4, 5, 7, 8, 10, 11, 14, 15], [3, 4, 5, 7, 8, 10, 11, 15], [3, 4, 5, 7, 8, 10, 12, 13], [3, 4, 5, 7, 8, 10, 12, 13, 14], [3, 4, 5, 7, 8, 10, 12, 13, 14, 15], [3, 4, 5, 7, 8, 10, 12, 13, 15], [3, 4, 5, 7, 8, 10, 12, 14], [3, 4, 5, 7, 8, 10, 12, 14, 15], [3, 4, 5, 7, 8, 10, 13], [3, 4, 5, 7, 8, 10, 13, 14], [3, 4, 5, 7, 8, 10, 13, 14, 15], [3, 4, 5, 7, 8, 10, 13, 15], [3, 4, 5, 7, 8, 10, 14], [3, 4, 5, 7, 8, 10, 14, 15], [3, 4, 5, 7, 8, 10, 15], [3, 4, 5, 7, 8, 11], [3, 4, 5, 7, 8, 11, 12, 13], [3, 4, 5, 7, 8, 11, 12, 13, 14], [3, 4, 5, 7, 8, 11, 12, 13, 14, 15], [3, 4, 5, 7, 8, 11, 12, 13, 15], [3, 4, 5, 7, 8, 11, 12, 14], [3, 4, 5, 7, 8, 11, 12, 14, 15], [3, 4, 5, 7, 8, 11, 13], [3, 4, 5, 7, 8, 11, 13, 15], [3, 4, 5, 7, 8, 11, 14], [3, 4, 5, 7, 8, 11, 14, 15], [3, 4, 5, 7, 8, 11, 15], [3, 4, 5, 7, 8, 12, 13], [3, 4, 5, 7, 8, 12, 13, 14], [3, 4, 5, 7, 8, 12, 13, 14, 15], [3, 4, 5, 7, 8, 12, 13, 15], [3, 4, 5, 7, 8, 12, 14], [3, 4, 5, 7, 8, 12, 14, 15], [3, 4, 5, 7, 8, 13], [3, 4, 5, 7, 8, 13, 14, 15], [3, 4, 5, 7, 8, 13, 15], [3, 4, 5, 7, 8, 14], [3, 4, 5, 7, 8, 14, 15], [3, 4, 5, 7, 8, 15], [3, 4, 5, 7, 9, 10, 11], [3, 4, 5, 7, 9, 10, 11, 12, 13], [3, 4, 5, 7, 9, 10, 11, 12, 13, 14], [3, 4, 5, 7, 9, 10, 11, 12, 13, 14, 15], [3, 4, 5, 7, 9, 10, 11, 12, 13, 15], [3, 4, 5, 7, 9, 10, 11, 12, 14], [3, 4, 5, 7, 9, 10, 11, 12, 14, 15], [3, 4, 5, 7, 9, 10, 11, 13], [3, 4, 5, 7, 9, 10, 11, 13, 14], [3, 4, 5, 7, 9, 10, 11, 13, 14, 15], [3, 4, 5, 7, 9, 10, 11, 13, 15], [3, 4, 5, 7, 9, 10, 11, 14], [3, 4, 5, 7, 9, 10, 11, 14, 15], [3, 4, 5, 7, 9, 10, 11, 15], [3, 4, 5, 7, 9, 10, 12, 13], [3, 4, 5, 7, 9, 10, 12, 13, 14], [3, 4, 5, 7, 9, 10, 12, 13, 14, 15], [3, 4, 5, 7, 9, 10, 12, 13, 15], [3, 4, 5, 7, 9, 10, 12, 14], [3, 4, 5, 7, 9, 10, 12, 14, 15], [3, 4, 5, 7, 9, 10, 13], [3, 4, 5, 7, 9, 10, 13, 14], [3, 4, 5, 7, 9, 10, 13, 14, 15], [3, 4, 5, 7, 9, 10, 13, 15], [3, 4, 5, 7, 9, 10, 14], [3, 4, 5, 7, 9, 10, 14, 15], [3, 4, 5, 7, 9, 10, 15], [3, 4, 5, 7, 9, 11], [3, 4, 5, 7, 9, 11, 12, 13], [3, 4, 5, 7, 9, 11, 12, 13, 14], [3, 4, 5, 7, 9, 11, 12, 13, 14, 15], [3, 4, 5, 7, 9, 11, 12, 13, 15], [3, 4, 5, 7, 9, 11, 12, 14], [3, 4, 5, 7, 9, 11, 12, 14, 15], [3, 4, 5, 7, 9, 11, 13, 14], [3, 4, 5, 7, 9, 11, 13, 14, 15], [3, 4, 5, 7, 9, 11, 13, 15], [3, 4, 5, 7, 9, 11, 14], [3, 4, 5, 7, 9, 11, 14, 15], [3, 4, 5, 7, 9, 11, 15], [3, 4, 5, 7, 9, 12, 13], [3, 4, 5, 7, 9, 12, 13, 14], [3, 4, 5, 7, 9, 12, 13, 14, 15], [3, 4, 5, 7, 9, 12, 13, 15], [3, 4, 5, 7, 9, 12, 14], [3, 4, 5, 7, 9, 12, 14, 15], [3, 4, 5, 7, 9, 13, 14], [3, 4, 5, 7, 9, 13, 14, 15], [3, 4, 5, 7, 9, 13, 15], [3, 4, 5, 7, 9, 14], [3, 4, 5, 7, 9, 14, 15], [3, 4, 5, 7, 9, 15], [3, 4, 5, 7, 10, 11], [3, 4, 5, 7, 10, 11, 12, 13], [3, 4, 5, 7, 10, 11, 12, 13, 14], [3, 4, 5, 7, 10, 11, 12, 13, 14, 15], [3, 4, 5, 7, 10, 11, 12, 13, 15], [3, 4, 5, 7, 10, 11, 12, 14], [3, 4, 5, 7, 10, 11, 12, 14, 15], [3, 4, 5, 7, 10, 11, 13], [3, 4, 5, 7, 10, 11, 13, 14], [3, 4, 5, 7, 10, 11, 13, 14, 15], [3, 4, 5, 7, 10, 11, 13, 15], [3, 4, 5, 7, 10, 11, 14], [3, 4, 5, 7, 10, 11, 14, 15], [3, 4, 5, 7, 10, 11, 15], [3, 4, 5, 7, 10, 12, 13], [3, 4, 5, 7, 10, 12, 13, 14], [3, 4, 5, 7, 10, 12, 13, 14, 15], [3, 4, 5, 7, 10, 12, 13, 15], [3, 4, 5, 7, 10, 12, 14], [3, 4, 5, 7, 10, 12, 14, 15], [3, 4, 5, 7, 10, 13], [3, 4, 5, 7, 10, 13, 14], [3, 4, 5, 7, 10, 13, 14, 15], [3, 4, 5, 7, 10, 13, 15], [3, 4, 5, 7, 10, 14], [3, 4, 5, 7, 10, 14, 15], [3, 4, 5, 7, 10, 15], [3, 4, 5, 7, 11], [3, 4, 5, 7, 11, 12, 13], [3, 4, 5, 7, 11, 12, 13, 14], [3, 4, 5, 7, 11, 12, 13, 14, 15], [3, 4, 5, 7, 11, 12, 13, 15], [3, 4, 5, 7, 11, 12, 14], [3, 4, 5, 7, 11, 12, 14, 15], [3, 4, 5, 7, 11, 13], [3, 4, 5, 7, 11, 13, 14, 15], [3, 4, 5, 7, 11, 13, 15], [3, 4, 5, 7, 11, 14], [3, 4, 5, 7, 11, 14, 15], [3, 4, 5, 7, 11, 15], [3, 4, 5, 7, 12, 13], [3, 4, 5, 7, 12, 13, 14], [3, 4, 5, 7, 12, 13, 14, 15], [3, 4, 5, 7, 12, 13, 15], [3, 4, 5, 7, 12, 14], [3, 4, 5, 7, 12, 14, 15], [3, 4, 5, 7, 13], [3, 4, 5, 7, 13, 14, 15], [3, 4, 5, 7, 13, 15], [3, 4, 5, 7, 14], [3, 4, 5, 7, 14, 15], [3, 4, 5, 7, 15], [3, 4, 5, 8], [3, 4, 5, 8, 9], [3, 4, 5, 8, 9, 10], [3, 4, 5, 8, 9, 10, 11], [3, 4, 5, 8, 9, 10, 11, 12], [3, 4, 5, 8, 9, 10, 11, 12, 13], [3, 4, 5, 8, 9, 10, 11, 12, 13, 14], [3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15], [3, 4, 5, 8, 9, 10, 11, 12, 13, 15], [3, 4, 5, 8, 9, 10, 11, 12, 14], [3, 4, 5, 8, 9, 10, 11, 12, 14, 15], [3, 4, 5, 8, 9, 10, 11, 12, 15], [3, 4, 5, 8, 9, 10, 11, 13], [3, 4, 5, 8, 9, 10, 11, 13, 15], [3, 4, 5, 8, 9, 10, 11, 14], [3, 4, 5, 8, 9, 10, 11, 14, 15], [3, 4, 5, 8, 9, 10, 11, 15], [3, 4, 5, 8, 9, 10, 12], [3, 4, 5, 8, 9, 10, 12, 13], [3, 4, 5, 8, 9, 10, 12, 13, 14], [3, 4, 5, 8, 9, 10, 12, 13, 14, 15], [3, 4, 5, 8, 9, 10, 12, 13, 15], [3, 4, 5, 8, 9, 10, 12, 14], [3, 4, 5, 8, 9, 10, 12, 14, 15], [3, 4, 5, 8, 9, 10, 12, 15], [3, 4, 5, 8, 9, 10, 13, 15], [3, 4, 5, 8, 9, 10, 14], [3, 4, 5, 8, 9, 10, 14, 15], [3, 4, 5, 8, 9, 10, 15], [3, 4, 5, 8, 9, 11], [3, 4, 5, 8, 9, 11, 12], [3, 4, 5, 8, 9, 11, 12, 13], [3, 4, 5, 8, 9, 11, 12, 13, 14], [3, 4, 5, 8, 9, 11, 12, 13, 14, 15], [3, 4, 5, 8, 9, 11, 12, 13, 15], [3, 4, 5, 8, 9, 11, 12, 14], [3, 4, 5, 8, 9, 11, 12, 14, 15], [3, 4, 5, 8, 9, 11, 12, 15], [3, 4, 5, 8, 9, 11, 13, 15], [3, 4, 5, 8, 9, 11, 14], [3, 4, 5, 8, 9, 11, 14, 15], [3, 4, 5, 8, 9, 11, 15], [3, 4, 5, 8, 9, 12], [3, 4, 5, 8, 9, 12, 13], [3, 4, 5, 8, 9, 12, 13, 14], [3, 4, 5, 8, 9, 12, 13, 14, 15], [3, 4, 5, 8, 9, 12, 13, 15], [3, 4, 5, 8, 9, 12, 14], [3, 4, 5, 8, 9, 12, 14, 15], [3, 4, 5, 8, 9, 12, 15], [3, 4, 5, 8, 9, 13, 15], [3, 4, 5, 8, 9, 14], [3, 4, 5, 8, 9, 14, 15], [3, 4, 5, 8, 9, 15], [3, 4, 5, 8, 10], [3, 4, 5, 8, 10, 11], [3, 4, 5, 8, 10, 11, 12], [3, 4, 5, 8, 10, 11, 12, 13], [3, 4, 5, 8, 10, 11, 12, 13, 14], [3, 4, 5, 8, 10, 11, 12, 13, 14, 15], [3, 4, 5, 8, 10, 11, 12, 13, 15], [3, 4, 5, 8, 10, 11, 12, 14], [3, 4, 5, 8, 10, 11, 12, 14, 15], [3, 4, 5, 8, 10, 11, 12, 15], [3, 4, 5, 8, 10, 11, 14], [3, 4, 5, 8, 10, 11, 14, 15], [3, 4, 5, 8, 10, 11, 15], [3, 4, 5, 8, 10, 12], [3, 4, 5, 8, 10, 12, 13], [3, 4, 5, 8, 10, 12, 13, 14], [3, 4, 5, 8, 10, 12, 13, 14, 15], [3, 4, 5, 8, 10, 12, 13, 15], [3, 4, 5, 8, 10, 12, 14], [3, 4, 5, 8, 10, 12, 14, 15], [3, 4, 5, 8, 10, 12, 15], [3, 4, 5, 8, 10, 14], [3, 4, 5, 8, 10, 14, 15], [3, 4, 5, 8, 10, 15], [3, 4, 5, 8, 11], [3, 4, 5, 8, 11, 12], [3, 4, 5, 8, 11, 12, 13], [3, 4, 5, 8, 11, 12, 13, 15], [3, 4, 5, 8, 11, 12, 14], [3, 4, 5, 8, 11, 12, 14, 15], [3, 4, 5, 8, 11, 12, 15

], [3, 4, 5, 8, 11, 14, 15], [3, 4, 5, 8, 11, 15], [3, 4, 5, 8, 12], [3, 4, 5, 8, 12, 13], [3, 4, 5, 8, 12, 13, 14, 15], [3, 4, 5, 8, 12, 13, 15], [3, 4, 5, 8, 12, 14], [3, 4, 5, 8, 12, 14, 15], [3, 4, 5, 8, 12, 15], [3, 4, 5, 8, 14, 15], [3, 4, 5, 8, 15], [3, 4, 5, 9], [3, 4, 5, 9, 10], [3, 4, 5, 9, 10, 11], [3, 4, 5, 9, 10, 11, 12], [3, 4, 5, 9, 10, 11, 12, 13], [3, 4, 5, 9, 10, 11, 12, 13, 14], [3, 4, 5, 9, 10, 11, 12, 13, 14, 15], [3, 4, 5, 9, 10, 11, 12, 13, 15], [3, 4, 5, 9, 10, 11, 12, 14], [3, 4, 5, 9, 10, 11, 12, 14, 15], [3, 4, 5, 9, 10, 11, 12, 15], [3, 4, 5, 9, 10, 11, 13, 15], [3, 4, 5, 9, 10, 11, 14], [3, 4, 5, 9, 10, 11, 14, 15], [3, 4, 5, 9, 10, 11, 15], [3, 4, 5, 9, 10, 12, 13], [3, 4, 5, 9, 10, 12, 13, 14], [3, 4, 5, 9, 10, 12, 13, 14, 15], [3, 4, 5, 9, 10, 12, 13, 15], [3, 4, 5, 9, 10, 12, 14], [3, 4, 5, 9, 10, 12, 14, 15], [3, 4, 5, 9, 10, 12, 15], [3, 4, 5, 9, 10, 13, 15], [3, 4, 5, 9, 10, 14], [3, 4, 5, 9, 10, 14, 15], [3, 4, 5, 9, 10, 15], [3, 4, 5, 9, 11], [3, 4, 5, 9, 11, 12], [3, 4, 5, 9, 11, 12, 13], [3, 4, 5, 9, 11, 12, 13, 14], [3, 4, 5, 9, 11, 12, 13, 14, 15], [3, 4, 5, 9, 11, 12, 13, 15], [3, 4, 5, 9, 11, 12, 14], [3, 4, 5, 9, 11, 12, 14, 15], [3, 4, 5, 9, 11, 12, 15], [3, 4, 5, 9, 11, 13, 15], [3, 4, 5, 9, 11, 14], [3, 4, 5, 9, 11, 14, 15], [3, 4, 5, 9, 11, 15], [3, 4, 5, 9, 12, 13], [3, 4, 5, 9, 12, 13, 14], [3, 4, 5, 9, 12, 13, 14, 15], [3, 4, 5, 9, 12, 13, 15], [3, 4, 5, 9, 12, 14], [3, 4, 5, 9, 12, 14, 15], [3, 4, 5, 9, 12, 15], [3, 4, 5, 9, 14], [3, 4, 5, 9, 14, 15], [3, 4, 5, 9, 15], [3, 4, 5, 10], [3, 4, 5, 10, 11, 12, 13], [3, 4, 5, 10, 11, 12, 13, 14], [3, 4, 5, 10, 11, 12, 13, 14, 15] , [3, 4, 5, 10, 11, 12, 13, 15], [3, 4, 5, 10, 11, 12, 14], [3, 4, 5, 10, 11, 12, 14, 15], [3, 4, 5, 10, 11, 12, 15], [3, 4, 5, 10, 11, 14], [3, 4, 5, 10, 11, 14, 15], [3, 4, 5, 10, 11, 15], [3, 4, 5, 10, 12, 13], [3, 4, 5, 10, 12, 13, 14], [3, 4, 5, 10, 12, 13, 14, 15], [3, 4, 5, 10, 12, 13, 15], [3, 4, 5, 10, 12, 14], [3, 4, 5, 10, 14], [3, 4, 5, 10, 14, 15], [3, 4, 5, 10, 15], [3, 4, 5, 11, 12, 13], [3, 4, 5, 11, 12, 13, 14, 15], [3, 4, 5, 11, 12, 13, 15], [3, 4, 5, 11, 12, 14], [3, 4, 5, 11, 12, 14, 15], [3, 4, 5, 11, 12, 15], [3, 4, 5, 11, 14, 15], [3, 4, 5, 11, 15], [3, 4, 5, 12, 13], [3, 4, 5, 12, 13, 14, 15], [3, 4, 5, 12, 13, 15

], [3, 4, 5, 12, 14], [3, 4, 5, 12, 14, 15], [3, 4, 5, 12, 15], [3, 4, 5, 14, 15], [3, 4, 5, 15], [3, 4, 6], [3, 4, 6, 7, 8, 9, 10, 11, 12, 13], [3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14], [3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 15], [3, 4, 6, 7, 8, 9, 10, 11, 12, 14, 15], [3, 4, 6, 7, 8, 9, 10, 11, 13], [3, 4, 6, 7, 8, 9, 10, 11, 13, 14], [3, 4, 6, 7, 8, 9, 10, 11, 13, 14, 15], [3, 4, 6, 7, 8, 9, 10, 11, 13, 15], [3, 4, 6, 7, 8, 9, 10, 11, 14], [3, 4, 6, 7, 8, 9, 10, 11, 14, 15], [3, 4, 6, 7, 8, 9, 10, 12, 13], [3, 4, 6, 7, 8, 9, 10, 12, 13, 14], [3, 4, 6, 7, 8, 9, 10, 12, 13, 14, 15], [3, 4, 6, 7, 8, 9, 10, 12, 13, 15], [3, 4, 6, 7, 8, 9, 10, 13], [3, 4, 6, 7, 8, 9, 10, 13, 14], [3, 4, 6, 7, 8, 9, 10, 13, 14, 15], [3, 4, 6, 7, 8, 9, 10, 13, 15], [3, 4, 6, 7, 8, 9, 10, 14], [3, 4, 6, 7, 8, 9, 10, 14, 15], [3, 4, 6, 7, 8, 9, 11, 12, 13], [3, 4, 6, 7, 8, 9, 11, 12, 13, 14], [3, 4, 6, 7, 8, 9, 11, 12, 13, 14, 15], [3, 4, 6, 7, 8, 9, 11, 12, 13, 15], [3, 4, 6, 7, 8, 9, 11, 12, 14, 15], [3, 4, 6, 7, 8, 9, 11, 13, 14], [3, 4, 6, 7, 8, 9, 11, 13, 14, 15], [3, 4, 6, 7, 8, 9, 11, 13, 15], [3, 4, 6, 7, 8, 9, 11, 14], [3, 4, 6, 7, 8, 9, 11, 14, 15], [3, 4, 6, 7, 8, 9, 12, 13], [3, 4, 6, 7, 8, 9, 12, 13, 14], [3, 4, 6, 7, 8, 9, 12, 13, 14, 15], [3, 4, 6, 7, 8, 9, 12, 13, 15], [3, 4, 6, 7, 8, 9, 13, 14], [3, 4, 6, 7, 8, 9, 13, 14, 15], [3, 4, 6, 7, 8, 9, 13, 15], [3, 4, 6, 7, 8, 9, 14], [3, 4, 6, 7, 8, 9, 14, 15], [3, 4, 6, 7, 8, 10, 11, 12, 13], [3, 4, 6, 7, 8, 10, 11, 12, 13, 14], [3, 4, 6, 7, 8, 10, 11, 12, 13, 14, 15], [3, 4, 6, 7, 8, 10, 11, 12, 13, 15], [3, 4, 6, 7, 8, 10, 11, 12, 14], [3, 4, 6, 7, 8, 10, 11, 12, 14, 15], [3, 4, 6, 7, 8, 10, 11, 13], [3, 4, 6, 7, 8, 10, 11, 13, 14], [3, 4, 6, 7, 8, 10, 11, 13, 14, 15], [3, 4, 6, 7, 8, 10, 11, 13, 15], [3, 4, 6, 7, 8, 10, 11, 14], [3, 4, 6, 7, 8, 10, 11, 14, 15], [3, 4, 6, 7, 8, 10, 12, 13], [3, 4, 6, 7, 8, 10, 12, 13, 14], [3, 4, 6, 7, 8, 10, 12, 13, 14, 15], [3, 4, 6, 7, 8, 10, 12, 13, 15], [3, 4, 6, 7, 8, 10, 12, 14, 15] , [3, 4, 6, 7, 8, 10, 13], [3, 4, 6, 7, 8, 10, 13, 14], [3, 4, 6, 7, 8, 10, 13, 14, 15], [3, 4, 6, 7, 8, 10, 13, 15], [3, 4, 6, 7, 8, 10, 14], [3, 4, 6, 7, 8, 10, 14, 15], [3, 4, 6, 7, 8, 11, 12, 13], [3, 4, 6, 7, 8, 11, 12, 13, 14], [3, 4, 6, 7, 8, 11, 12, 13, 14, 15], [3, 4, 6, 7, 8, 11, 12, 13, 15], [3, 4, 6, 7, 8, 11, 12, 14], [3, 4, 6, 7, 8, 11, 12, 14, 15], [3, 4, 6, 7, 8, 11, 13], [3, 4, 6, 7, 8, 11, 13, 14], [3, 4, 6, 7, 8, 11, 13, 14, 15], [3, 4, 6, 7, 8, 11, 13, 15], [3, 4, 6, 7, 8, 11, 14], [3, 4, 6, 7, 8, 11, 14, 15], [3, 4, 6, 7, 8, 11, 15], [3, 4, 6, 7, 8, 12, 13], [3, 4, 6, 7, 8, 12, 13, 14], [3, 4, 6, 7, 8, 12, 13, 14, 15], [3, 4, 6, 7, 8, 12, 13, 15], [3, 4, 6, 7, 8, 12, 14, 15], [3, 4, 6, 7, 8, 13], [3, 4, 6, 7, 8, 13, 14], [3, 4, 6, 7, 8, 13, 14, 15], [3, 4, 6, 7, 8, 13, 15], [3, 4, 6, 7, 8, 14], [3, 4, 6, 7, 8, 14, 15], [3, 4, 6, 7, 9, 10, 11, 12, 13], [3, 4, 6, 7, 9, 10, 11, 12, 13, 14], [3, 4, 6, 7, 9, 10, 11, 12, 13, 14, 15], [3, 4, 6, 7, 9, 10, 11, 12, 13, 15], [3, 4, 6, 7, 9, 10, 11, 13], [3, 4, 6, 7, 9, 10, 11, 13, 14], [3, 4, 6, 7, 9, 10, 11, 13, 14, 15], [3, 4, 6, 7, 9, 10, 11, 13, 15], [3, 4, 6, 7, 9, 10, 11, 14], [3, 4, 6, 7, 9, 10, 11, 14, 15], [3, 4, 6, 7, 9, 10, 12, 13, 14] , [3, 4, 6, 7, 9, 10, 12, 13, 14, 15], [3, 4, 6, 7, 9, 10, 12, 13, 15], [3, 4, 6, 7, 9, 10, 13], [3, 4, 6, 7, 9, 10, 13, 14], [3, 4, 6, 7, 9, 10, 13, 14, 15], [3, 4, 6, 7, 9, 10, 13, 15], [3, 4, 6, 7, 9, 10, 14], [3, 4, 6, 7, 9, 10, 14, 15], [3, 4, 6, 7, 9, 11, 12, 13], [3, 4, 6, 7, 9, 11, 12, 13, 14], [3, 4, 6, 7, 9, 11, 12, 13, 14, 15], [3, 4, 6, 7, 9, 11, 12, 13, 15], [3, 4, 6, 7, 9, 11, 13], [3, 4, 6, 7, 9, 11, 13, 14], [3, 4, 6, 7, 9, 11, 13, 14, 15], [3, 4, 6, 7, 9, 11, 13, 15], [3, 4, 6, 7, 9, 11, 14], [3, 4, 6, 7, 9, 11, 14, 15], [3, 4, 6, 7, 9, 12, 13], [3, 4, 6, 7, 9, 12, 13, 14], [3, 4, 6, 7, 9, 12, 13, 14, 15], [3, 4, 6, 7, 9, 12, 13, 15], [3, 4, 6, 7, 9, 13], [3, 4, 6, 7, 9, 13, 14], [3, 4, 6, 7, 9, 13, 14, 15], [3, 4, 6, 7, 9, 13, 15], [3, 4, 6, 7, 9, 14], [3, 4, 6, 7, 9, 14, 15], [3, 4, 6, 7, 10, 11, 12, 13], [3, 4, 6, 7, 10, 11, 12, 13, 14], [3, 4, 6, 7, 10, 11, 12, 13, 14, 15], [3, 4, 6, 7, 10, 11, 12, 13, 15], [3, 4, 6, 7, 10, 11, 12, 14, 15], [3, 4, 6, 7, 10, 11, 13], [3, 4, 6, 7, 10, 11, 13, 14], [3, 4, 6, 7, 10, 11, 13, 14, 15], [3, 4, 6, 7, 10, 11, 13, 15], [3, 4, 6, 7, 10, 11, 14], [3, 4, 6, 7, 10, 11, 14, 15], [3, 4, 6, 7, 10, 12, 13], [3, 4, 6, 7, 10, 12, 13, 14], [3, 4, 6, 7, 10, 12, 13, 14, 15], [3, 4, 6, 7, 10, 12, 13, 15], [3, 4, 6, 7, 10, 13], [3, 4, 6, 7, 10, 13, 14], [3, 4, 6, 7, 10, 13, 14, 15], [3, 4, 6, 7, 10, 13, 15], [

3, 4, 6, 7, 10, 14], [3, 4, 6, 7, 10, 14, 15], [3, 4, 6, 7, 11, 12, 13], [3, 4, 6, 7, 11, 12, 13, 14], [3, 4, 6, 7, 11, 12, 13, 14, 15], [3, 4, 6, 7, 11, 12, 13, 15], [3, 4, 6, 7, 11, 12, 14, 15], [3, 4, 6, 7, 11, 13], [3, 4, 6, 7, 11, 13, 14], [3, 4, 6, 7, 11, 13, 14, 15], [3, 4, 6, 7, 11, 13, 15], [3, 4, 6, 7, 11, 14], [3, 4, 6, 7, 11, 14, 15], [3, 4, 6, 7, 12, 13], [3, 4, 6, 7, 12, 13, 14], [3, 4, 6, 7, 12, 13, 14, 15], [3, 4, 6, 7, 12, 13, 15], [3, 4, 6, 7, 13], [3, 4, 6, 7, 13, 14], [3, 4, 6, 7, 13, 14, 15], [3, 4, 6, 7, 13, 15], [3, 4, 6, 7, 14], [3, 4, 6, 7, 14, 15], [3, 4, 6, 8], [3, 4, 6, 8, 9], [3, 4, 6, 8, 9, 10], [3, 4, 6, 8, 9, 10, 11], [3, 4, 6, 8, 9, 10, 11, 12, 13], [3, 4, 6, 8, 9, 10, 11, 12, 13, 14], [3, 4, 6, 8, 9, 10, 11, 12, 13, 14, 15], [3, 4, 6, 8, 9, 10, 11, 12, 13, 15], [3, 4, 6, 8, 9, 10, 11, 12, 14], [3, 4, 6, 8, 9, 10, 11, 12, 14, 15], [3, 4, 6, 8, 9, 10, 11, 13], [3, 4, 6, 8, 9, 10, 11, 13, 14, 15] , [3, 4, 6, 8, 9, 10, 11, 13, 15], [3, 4, 6, 8, 9, 10, 11, 14], [3, 4, 6, 8, 9, 10, 11, 14, 15], [3, 4, 6, 8, 9, 10, 11, 15], [3, 4, 6, 8, 9, 10, 12, 13], [3, 4, 6, 8, 9, 10, 12, 13, 14], [3, 4, 6, 8, 9, 10, 12, 13, 14, 15], [3, 4, 6, 8, 9, 10, 12, 13, 15], [3, 4, 6, 8, 9, 10, 12, 14], [3, 4, 6, 8, 9, 10, 12, 14, 15], [3, 4, 6, 8, 9, 10, 13], [3, 4, 6, 8, 9, 10, 13, 14, 15], [3, 4, 6, 8, 9, 10, 13, 15], [3, 4, 6, 8, 9, 10, 14], [3, 4, 6, 8, 9, 10, 14, 15], [3, 4, 6, 8, 9, 10, 15], [3, 4, 6, 8, 9, 11], [3, 4, 6, 8, 9, 11, 12, 13], [3, 4, 6, 8, 9, 11, 12, 13, 14], [3, 4, 6, 8, 9, 11, 12, 13, 14, 15], [3, 4, 6, 8, 9, 11, 12, 13, 15], [3, 4, 6, 8, 9, 11, 12, 14], [3, 4, 6, 8, 9, 11, 12, 14, 15], [3, 4, 6, 8, 9, 11, 13], [3, 4, 6, 8, 9, 11, 13, 15], [3, 4, 6, 8, 9, 11, 14], [3, 4, 6, 8, 9, 11, 14, 15], [3, 4, 6, 8, 9, 11, 15], [3, 4, 6, 8, 9, 12, 13], [3, 4, 6, 8, 9, 12, 13, 14], [3, 4, 6, 8, 9, 12, 13, 14, 15], [3, 4, 6, 8, 9, 12, 13, 15], [3, 4, 6, 8, 9, 12, 14], [3, 4, 6, 8, 9, 12, 14, 15], [3, 4, 6, 8, 9, 13, 15], [3, 4, 6, 8, 9, 14], [3, 4, 6, 8, 9, 14, 15], [3, 4, 6, 8, 9, 15], [3, 4, 6, 8, 10], [3, 4, 6, 8, 10, 11], [3, 4, 6, 8, 10, 11, 12, 13], [3, 4, 6, 8, 10, 11, 12, 13, 14], [3, 4, 6, 8, 10, 11, 12, 13, 14, 15], [3, 4, 6, 8, 10, 11, 12, 13, 15], [3, 4, 6, 8, 10, 11, 12, 14], [3, 4, 6, 8, 10, 11, 12, 14, 15], [3, 4, 6, 8, 10, 11, 13], [3, 4, 6, 8, 10, 11, 13, 15], [3, 4, 6, 8, 10, 11, 14], [3, 4, 6, 8, 10, 11, 14, 15], [3, 4, 6, 8, 10, 11, 15], [3, 4, 6, 8, 10, 12, 13], [3, 4, 6, 8, 10, 12, 13, 14], [3, 4, 6, 8, 10, 12, 13, 14, 15], [3, 4, 6, 8, 10, 12, 13, 15], [3, 4, 6, 8, 10, 12, 14], [3, 4, 6, 8, 10, 12, 14, 15], [3, 4, 6, 8, 10, 13], [3, 4, 6, 8, 10, 13, 15], [3, 4, 6, 8, 10, 14], [3, 4, 6, 8, 10, 14, 15], [3, 4, 6, 8, 10, 15], [3, 4, 6, 8, 11], [3, 4, 6, 8, 11, 12, 13], [3, 4, 6, 8, 11, 12, 13, 14], [3, 4, 6, 8, 11, 12, 13, 14, 15], [3, 4, 6, 8, 11, 12, 13, 15], [3, 4, 6, 8, 11, 12, 14], [3, 4, 6, 8, 11, 12, 14, 15], [3, 4, 6, 8, 11, 12, 15], [3, 4, 6, 8, 11, 13, 15], [3, 4, 6, 8, 11, 14], [3, 4, 6, 8, 11, 14, 15], [3, 4, 6, 8, 11, 15], [3, 4, 6, 8, 12, 13], [3, 4, 6, 8, 12, 13, 14], [3, 4, 6, 8, 12, 13, 14, 15], [3, 4, 6, 8, 12, 13, 15], [3, 4, 6, 8, 12, 14], [3, 4, 6, 8, 12, 14, 15], [3, 4, 6, 8, 13, 15], [3, 4, 6, 8, 14], [3, 4, 6, 8, 14, 15], [3, 4, 6, 8, 15], [3, 4, 6, 9], [3, 4, 6, 9, 10], [3, 4, 6, 9, 10, 11], [3, 4, 6, 9, 10, 11, 12, 13], [3, 4, 6, 9, 10, 11, 12, 13, 14], [3, 4, 6, 9, 10, 11, 12, 13, 14, 15], [3, 4, 6, 9, 10, 11, 12, 13, 15], [3, 4, 6, 9, 10, 11, 12, 14], [3, 4, 6, 9, 10, 11, 12, 14, 15], [3, 4, 6, 9, 10, 11, 13], [3, 4, 6, 9, 10, 11, 13, 14, 15], [3, 4, 6, 9, 10, 11, 13, 15], [3, 4, 6, 9, 10, 11, 14], [3, 4, 6, 9, 10, 11, 14, 15], [3, 4, 6, 9, 10, 11, 15], [3, 4, 6, 9, 10, 12, 13], [3, 4, 6, 9, 10, 12, 13, 14], [3, 4, 6, 9, 10, 12, 13, 14, 15], [3, 4, 6, 9, 10, 12, 13, 15], [3, 4, 6, 9, 10, 12, 14], [3, 4, 6, 9, 10, 12, 14, 15], [3, 4, 6, 9, 10, 13], [3, 4, 6, 9, 10, 13, 14, 15], [3, 4, 6, 9, 10, 13, 15], [3, 4, 6, 9, 10, 14], [3, 4, 6, 9, 10, 14, 15], [3, 4, 6, 9, 10, 15], [3, 4, 6, 9, 11], [3, 4, 6, 9, 11, 12, 13], [3, 4, 6, 9, 11, 12, 13, 14], [3, 4, 6, 9, 11, 12, 13, 14, 15], [3, 4, 6, 9, 11, 12, 13, 15], [3, 4, 6, 9, 11, 12, 14], [3, 4, 6, 9, 11, 12, 14, 15], [3, 4, 6, 9, 11, 13], [3, 4, 6, 9, 11, 13, 15], [3, 4, 6, 9, 11, 14], [3, 4, 6, 9, 11, 14, 15], [3, 4, 6, 9, 11, 15], [3, 4, 6, 9, 12, 13], [3, 4, 6, 9, 12, 13, 14], [3, 4, 6, 9, 12, 13, 14, 15], [3, 4, 6, 9, 12, 13, 15], [3, 4, 6, 9, 12, 14], [3, 4, 6, 9, 12, 14, 15], [3, 4, 6, 9, 13], [3, 4, 6, 9, 13, 15], [3, 4, 6, 9, 14], [3, 4, 6, 9, 14, 15], [3, 4, 6, 9, 15], [3, 4, 6, 10], [3, 4, 6, 10, 11, 12, 13], [3, 4, 6, 10, 11, 12, 13, 14], [3, 4, 6, 10, 11, 12, 13, 14, 15] , [3, 4, 6, 10, 11, 12, 13, 15], [3, 4, 6, 10, 11, 12, 14], [3, 4, 6, 10, 11, 12, 14, 15], [3, 4, 6, 10, 11, 13], [3, 4, 6, 10, 11, 13, 15], [3, 4, 6, 10, 11, 14], [3, 4, 6, 10, 11, 14, 15], [3, 4, 6, 10, 11, 15], [3, 4, 6, 10, 12, 13], [3, 4, 6, 10, 12, 13, 14], [3, 4, 6, 10, 12, 13, 14, 15], [3, 4, 6, 10, 12, 13, 15], [3, 4, 6, 10, 12, 14], [3, 4, 6, 10, 13], [3, 4, 6, 10, 13, 15], [3, 4, 6, 10, 14], [3, 4, 6, 10, 14, 15], [3, 4, 6, 10, 15], [3, 4, 6, 11, 12, 13], [3, 4, 6, 11, 12, 13, 14], [3, 4, 6, 11, 12, 13, 14, 15], [3, 4, 6, 11, 12, 13, 15], [3, 4, 6, 11, 12, 14], [3, 4, 6, 11, 12, 14, 15], [3, 4, 6, 11, 13, 15], [3, 4, 6, 11, 14], [3, 4, 6, 11, 14, 15], [3, 4, 6, 11, 15], [3, 4, 6, 12, 13], [3, 4, 6, 12, 13, 14], [3, 4, 6, 12, 13, 14, 15], [3, 4, 6, 12, 13, 15], [3, 4, 6, 12, 14], [3, 4, 6, 12, 14, 15], [3, 4, 6, 13, 15], [3, 4, 6, 14], [3, 4, 6, 14, 15], [3, 4, 6, 15], [3, 4, 7, 8, 9, 10, 11, 12, 13], [3, 4, 7, 8, 9, 10, 11, 12, 13, 14], [3, 4, 7, 8, 9, 10, 11, 12, 13, 14, 15], [3, 4, 7, 8, 9, 10, 11, 12, 13, 15], [3, 4, 7, 8, 9, 10, 11, 12, 14, 15], [3, 4, 7, 8, 9, 10, 11, 13], [3, 4, 7, 8, 9, 10, 11, 13, 14], [3, 4, 7, 8, 9, 10, 11, 13, 14, 15], [3, 4, 7, 8, 9, 10, 11, 13, 15], [3, 4, 7, 8, 9, 10, 11, 14], [3, 4, 7, 8, 9, 10, 11, 14, 15], [3, 4, 7, 8, 9, 10, 12, 13], [3, 4, 7, 8, 9, 10, 12, 13, 14], [3, 4, 7, 8, 9, 10, 12, 13, 14, 15], [3, 4, 7, 8, 9, 10, 12, 13, 15], [3, 4, 7, 8, 9, 10, 13], [3, 4, 7, 8, 9, 10, 13, 14], [3, 4, 7, 8, 9, 10, 13, 14, 15], [3, 4, 7, 8, 9, 10, 13, 15], [3, 4, 7, 8, 9, 10, 14], [3, 4, 7, 8, 9, 10, 14, 15], [3, 4, 7, 8, 9, 11, 12, 13], [3, 4, 7, 8, 9, 11, 12, 13, 14], [3, 4, 7, 8, 9, 11, 12, 13, 14, 15], [3, 4, 7, 8, 9, 11, 12, 13, 15], [3, 4, 7, 8, 9, 11, 12, 14], [3, 4, 7, 8, 9, 11, 12, 14, 15], [3, 4, 7, 8, 9, 11, 13, 14], [3, 4, 7, 8, 9, 11, 13, 14, 15], [3, 4, 7, 8, 9, 11, 13, 15], [3, 4, 7, 8, 9, 11, 14], [3, 4, 7, 8, 9, 11, 14, 15], [3, 4, 7, 8, 9, 12, 13], [3, 4, 7, 8, 9, 12, 13, 14], [3, 4, 7, 8, 9, 12, 13, 14, 15], [3, 4, 7, 8, 9, 13, 14], [3, 4, 7, 8, 9, 13, 14, 15], [3, 4, 7, 8, 9, 14], [3, 4, 7, 8, 9, 14, 15], [3, 4, 7, 8, 10, 11, 12, 13], [3, 4, 7, 8, 10, 11, 12, 13, 14], [3, 4, 7, 8, 10, 11, 12, 13, 14, 15], [3, 4, 7, 8, 10, 11, 12, 13, 15], [3, 4, 7, 8, 10, 11, 12, 14], [3, 4, 7, 8, 10, 11, 12, 14, 15], [3, 4, 7, 8, 10, 11, 13], [3, 4, 7, 8, 10, 11, 13, 14], [3, 4, 7, 8, 10, 11, 13, 14, 15], [3, 4, 7, 8, 10, 11, 13, 15], [3, 4, 7, 8, 10, 11, 14], [3, 4, 7, 8, 10, 11, 14, 15], [3, 4, 7, 8, 10, 11, 15], [3, 4, 7, 8, 10, 12, 13], [3, 4, 7, 8, 10, 12, 13, 14], [3, 4, 7, 8, 10, 12, 13, 14, 15], [3, 4, 7, 8, 10, 12, 13, 15], [3, 4, 7, 8, 10, 12, 14, 15], [3, 4, 7, 8, 10, 13], [3, 4, 7, 8, 10, 13, 14], [3, 4, 7, 8, 10, 13, 14, 15], [3, 4, 7, 8, 10, 13, 15], [3, 4, 7, 8, 10, 14], [3, 4, 7, 8, 10, 14, 15], [3, 4, 7, 8, 11, 12, 13], [3, 4, 7, 8, 11, 12, 13, 14], [3, 4, 7, 8, 11, 12, 13, 14, 15], [3, 4, 7, 8, 11, 12, 13, 15], [3, 4, 7, 8, 11, 12, 14], [3, 4, 7, 8, 11, 12, 14, 15], [3, 4, 7, 8, 11, 13], [3, 4, 7, 8, 11, 13, 14], [3, 4, 7, 8, 11, 13, 14, 15], [3, 4, 7, 8, 11, 13, 15], [3, 4, 7, 8, 11, 14], [3, 4, 7, 8, 11, 14, 15], [3, 4, 7, 8, 11, 15], [3, 4, 7, 8, 12, 13], [3, 4, 7, 8, 12, 13, 14], [3, 4, 7, 8, 12, 13, 14, 15], [3, 4, 7, 8, 12, 13, 15], [3, 4, 7, 8, 12, 14, 15], [3, 4, 7, 8, 13], [3, 4, 7, 8, 13, 14], [3, 4, 7, 8, 13, 14, 15], [3, 4, 7, 8, 14], [3, 4, 7, 8, 14, 15], [3, 4, 7, 9, 10, 11, 12, 13], [3, 4, 7, 9, 10, 11, 12, 13, 14], [3, 4, 7, 9, 10, 11, 12, 13, 14, 15], [3, 4, 7, 9, 10, 11, 12, 13, 15], [3, 4, 7, 9, 10, 11, 13], [3, 4, 7, 9, 10, 11, 13, 14], [3, 4, 7, 9, 10, 11, 13, 14, 15], [3, 4, 7, 9, 10, 11, 13, 15], [3, 4, 7, 9, 10, 11, 14], [3, 4, 7, 9, 10, 11, 14, 15], [3, 4, 7, 9, 10, 12, 13], [3, 4, 7, 9, 10, 12, 13, 14], [3, 4, 7, 9, 10, 12, 13, 14, 15], [3, 4, 7, 9, 10, 12, 13, 15], [3, 4, 7, 9, 10, 13], [3, 4, 7, 9, 10, 13, 14], [3, 4, 7, 9, 10, 13, 14, 15], [3, 4, 7, 9, 10, 13, 15], [3, 4, 7, 9, 10, 14], [3, 4, 7, 9, 10, 14, 15], [3, 4, 7, 9, 11, 12, 13], [3, 4, 7, 9, 11, 12, 13, 14], [3, 4, 7, 9, 11, 12, 13, 14, 15], [3, 4, 7, 9, 11, 12, 13, 15], [3, 4, 7, 9, 11, 13, 14], [3, 4, 7, 9, 11, 13, 14, 15], [3, 4, 7, 9, 11, 13, 15], [3, 4, 7, 9, 11, 14], [3, 4, 7, 9, 11, 14, 15], [3, 4, 7, 9, 12, 13], [3, 4, 7, 9, 12, 13, 14], [3, 4, 7, 9, 12, 13, 14, 15], [3, 4, 7, 9, 12, 13, 15], [3, 4, 7, 9, 13, 14], [3, 4, 7, 9, 13, 14, 15], [3, 4, 7, 9, 13, 15], [3, 4, 7, 9, 14], [3, 4, 7, 9, 14, 15], [3, 4, 7, 10, 11, 12, 13], [3, 4, 7, 10, 11, 12, 13, 14], [3, 4, 7, 10, 11, 12, 13, 14, 15], [3, 4, 7, 10, 11, 12, 13, 15], [3, 4, 7, 10, 11, 12, 14, 15], [3, 4, 7, 10, 11, 13], [3, 4, 7, 10, 11, 13, 14], [3, 4, 7, 10, 11, 13, 14, 15], [3, 4, 7, 10, 11, 13, 15], [3, 4, 7, 10, 11, 14], [3, 4, 7, 10, 11, 14, 15], [3, 4, 7, 10, 12, 13], [3, 4, 7, 10, 12, 13, 14], [3, 4, 7, 10, 12, 13, 14, 15], [3, 4, 7, 10, 12, 13, 15], [3, 4, 7, 10, 13], [3, 4, 7, 10, 13, 14], [3, 4, 7, 10, 13, 14, 15], [3, 4, 7, 10, 13, 15], [3, 4, 7, 10, 14], [3, 4, 7, 10, 14, 15], [3, 4, 7, 11, 12, 13], [3, 4, 7, 11, 12, 13, 14], [3, 4, 7, 11, 12, 13, 14, 15], [3, 4, 7, 11, 12, 13, 15], [3, 4, 7, 11, 12, 14, 15], [3, 4, 7, 11, 13], [3, 4, 7, 11, 13, 14], [3, 4, 7, 11, 13, 14, 15], [3, 4, 7, 11, 13, 15], [3, 4, 7, 11, 14], [3, 4, 7, 11, 14, 15], [3, 4, 7, 12, 13], [3, 4, 7, 12, 13, 14], [3, 4, 7, 12, 13, 14, 15], [3, 4, 7, 12, 13, 15], [3, 4, 7, 13], [3, 4, 7, 13, 14], [3, 4, 7, 13, 14, 15], [3, 4, 7, 13, 15], [3, 4, 7, 14], [3, 4, 7, 14, 15], [3, 4, 8, 9], [3, 4, 8, 9, 10], [3, 4, 8, 9, 10, 11], [3, 4, 8, 9, 10, 11, 12, 13], [3, 4, 8, 9, 10, 11, 12, 13, 14], [3, 4, 8, 9, 10, 11, 12, 13, 14, 15], [3, 4, 8, 9, 10, 11, 12, 13, 15], [3, 4, 8, 9, 10, 11, 12, 14], [3, 4, 8, 9, 10, 11, 12, 14, 15], [3, 4, 8, 9, 10, 11, 13], [3, 4, 8, 9, 10, 11, 13, 15], [3, 4, 8, 9, 10, 11, 14], [3, 4, 8, 9, 10, 11, 14, 15], [3, 4, 8, 9, 10, 11, 15], [3, 4, 8, 9, 10, 12, 13], [3, 4, 8, 9, 10, 12, 13, 14], [3, 4, 8, 9, 10, 12, 13, 14, 15], [3, 4, 8, 9, 10, 12, 13, 15], [3, 4, 8, 9, 10, 12, 14], [3, 4, 8, 9, 10, 12, 14, 15], [3, 4, 8, 9, 10, 13], [3, 4, 8, 9, 10, 13, 15], [3, 4, 8, 9, 10, 14], [3, 4, 8, 9, 10, 14, 15], [3, 4, 8, 9, 10, 15], [3, 4, 8, 9, 11], [3, 4, 8, 9, 11, 12, 13], [3, 4, 8, 9, 11, 12, 13, 14], [3, 4, 8, 9, 11, 12, 13, 14, 15], [3, 4, 8, 9, 11, 12, 13, 15], [3, 4, 8, 9, 11, 12, 14], [3, 4, 8, 9, 11, 12, 14, 15], [3, 4, 8, 9, 11, 13, 15], [3, 4, 8, 9, 11, 14], [3, 4, 8, 9, 11, 14, 15], [3, 4, 8, 9, 11, 15], [3, 4, 8, 9, 12, 13], [3, 4, 8, 9, 12, 13, 14], [3, 4, 8, 9, 12, 13, 14, 15], [3, 4, 8, 9, 12, 13, 15], [3, 4, 8, 9, 12, 14], [3, 4, 8, 9, 12, 14, 15], [3, 4, 8, 9, 14], [3, 4, 8, 9, 14, 15], [3, 4, 8, 10], [3, 4, 8, 10, 11], [3, 4, 8, 10, 11, 12, 13], [3, 4, 8, 10, 11, 12, 13, 14], [3, 4, 8, 10, 11, 12, 13, 14, 15] , [3, 4, 8, 10, 11, 12, 13, 15], [3, 4, 8, 10, 11, 12, 14], [3, 4, 8, 10, 11, 12, 14, 15

], [3, 4, 8, 10, 11, 12, 15], [3, 4, 8, 10, 11, 13], [3, 4, 8, 10, 11, 13, 15], [3, 4, 8, 10, 11, 14], [3, 4, 8, 10, 11, 14, 15], [3, 4, 8, 10, 11, 15], [3, 4, 8, 10, 12, 13], [3, 4, 8, 10, 12, 13, 14], [3, 4, 8, 10, 12, 13, 14, 15], [3, 4, 8, 10, 12, 13, 15], [3, 4, 8, 10, 12, 14], [3, 4, 8, 10, 12, 14, 15], [3, 4, 8, 10, 13], [3, 4, 8, 10, 13, 15], [3, 4, 8, 10, 14], [3, 4, 8, 10, 14, 15], [3, 4, 8, 10, 15], [3, 4, 8, 11, 12, 13], [3, 4, 8, 11, 12, 13, 14], [3, 4, 8, 11, 12, 13, 14, 15], [3, 4, 8, 11, 12, 13, 15], [3, 4, 8, 11, 12, 14], [3, 4, 8, 11, 12, 14, 15], [3, 4, 8, 11, 12, 15], [3, 4, 8, 11, 13, 15], [3, 4, 8, 11, 14], [3, 4, 8, 11, 14, 15], [3, 4, 8, 11, 15], [3, 4, 8, 12, 13], [3, 4, 8, 12, 13, 14], [3, 4, 8, 12, 13, 14, 15], [3, 4, 8, 12, 13, 15], [3, 4, 8, 12, 14], [3, 4, 8, 12, 14, 15], [3, 4, 8, 13, 15], [3, 4, 8, 14], [3, 4, 8, 14, 15], [3, 4, 9], [3, 4, 9, 10], [3, 4, 9, 10, 11], [3, 4, 9, 10, 11, 12, 13], [3, 4, 9, 10, 11, 12, 13, 14], [3, 4, 9, 10, 11, 12, 13, 14, 15] , [3, 4, 9, 10, 11, 12, 13, 15], [3, 4, 9, 10, 11, 12, 14], [3, 4, 9, 10, 11, 12, 14, 15], [3, 4, 9, 10, 11, 13], [3, 4, 9, 10, 11, 13, 15], [3, 4, 9, 10, 11, 14], [3, 4, 9, 10, 11, 14, 15], [3, 4, 9, 10, 11, 15], [3, 4, 9, 10, 12, 13], [3, 4, 9, 10, 12, 13, 14], [3, 4, 9, 10, 12, 13, 14, 15], [3, 4, 9, 10, 12, 13, 15], [3, 4, 9, 10, 12, 14], [3, 4, 9, 10, 12, 14, 15], [3, 4, 9, 10, 13], [3, 4, 9, 10, 13, 15], [3, 4, 9, 10, 14], [3, 4, 9, 10, 14, 15], [3, 4, 9, 10, 15], [3, 4, 9, 11], [3, 4, 9, 11, 12, 13], [3, 4, 9, 11, 12, 13, 14], [3, 4, 9, 11, 12, 13, 14, 15], [3, 4, 9, 11, 12, 13, 15], [3, 4, 9, 11, 12, 14], [3, 4, 9, 11, 12, 14, 15], [3, 4, 9, 11, 13, 15], [3, 4, 9, 11, 14], [3, 4, 9, 11, 14, 15], [3, 4, 9, 11, 15], [3, 4, 9, 12, 13], [3, 4, 9, 12, 13, 14], [3, 4, 9, 12, 13, 14, 15], [3, 4, 9, 12, 13, 15], [3, 4, 9, 12, 14], [3, 4, 9, 12, 14, 15], [3, 4, 9, 13, 15], [3, 4, 9, 14], [3, 4, 9, 14, 15], [3, 4, 9, 15], [3, 4, 10], [3, 4, 10, 11, 12, 13], [3, 4, 10, 11, 12, 13, 14], [3, 4, 10, 11, 12, 13, 14, 15], [3, 4, 10, 11, 12, 13, 15], [3, 4, 10, 11, 12, 14], [3, 4, 10, 11, 12, 14, 15], [3, 4, 10, 11, 13], [3, 4, 10, 11, 13, 15], [3, 4, 10, 11, 14], [3, 4, 10, 11, 14, 15], [3, 4, 10, 11, 15], [3, 4, 10, 12, 13], [3, 4, 10, 12, 13, 14], [3, 4, 10, 12, 13, 14, 15], [3, 4, 10, 12, 13, 15], [3, 4, 10, 12, 14], [3, 4, 10, 13, 15], [3, 4, 10, 14], [3, 4, 10, 14, 15], [3, 4, 10, 15], [3, 4, 11], [3, 4, 11, 12, 13], [3, 4, 11, 12, 13, 14], [3, 4, 11, 12, 13, 14, 15], [3, 4, 11, 12, 13, 15], [3, 4, 11, 12, 14], [3, 4, 11, 12, 14, 15], [3, 4, 11, 13, 15], [3, 4, 11, 14], [3, 4, 11, 14, 15], [3, 4, 11, 15], [3, 4, 12, 13], [3, 4, 12, 13, 14], [3, 4, 12, 13, 14, 15], [3, 4, 12, 13, 15], [3, 4, 12, 14], [3, 4, 12, 14, 15], [3, 4, 13, 15], [3, 4, 14], [3, 4, 14, 15], [3, 4, 15], [3, 5, 6], [3, 5, 6, 7], [3, 5, 6, 7, 8], [3, 5, 6, 7, 8, 9], [3, 5, 6, 7, 8, 9, 10], [3, 5, 6, 7, 8, 9, 10, 11], [3, 5, 6, 7, 8, 9, 10, 11, 12, 13], [3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14], [3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15], [3, 5, 6, 7, 8, 9, 10, 11, 12, 14], [3, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15], [3, 5, 6, 7, 8, 9, 10, 11, 13], [3, 5, 6, 7, 8, 9, 10, 11, 13, 14], [3, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15], [3, 5, 6, 7, 8, 9, 10, 11, 13, 15], [3, 5, 6, 7, 8, 9, 10, 11, 14], [3, 5, 6, 7, 8, 9, 10, 11, 14, 15], [3, 5, 6, 7, 8, 9, 10, 11, 15], [3, 5, 6, 7, 8, 9, 10, 12, 13], [3, 5, 6, 7, 8, 9, 10, 12, 13, 14], [3, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15], [3, 5, 6, 7, 8, 9, 10, 12, 13, 15], [3, 5, 6, 7, 8, 9, 10, 12, 14], [3, 5, 6, 7, 8, 9, 10, 12, 14, 15], [3, 5, 6, 7, 8, 9, 10, 13], [3, 5, 6, 7, 8, 9, 10, 13, 14], [3, 5, 6, 7, 8, 9, 10, 13, 14, 15], [3, 5, 6, 7, 8, 9, 10, 13, 15], [3, 5, 6, 7, 8, 9, 10, 14], [3, 5, 6, 7, 8, 9, 10, 14, 15], [3, 5, 6, 7, 8, 9, 10, 15], [3, 5, 6, 7, 8, 9, 11], [3, 5, 6, 7, 8, 9, 11, 12, 13], [3, 5, 6, 7, 8, 9, 11, 12, 13, 14], [3, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15], [3, 5, 6, 7, 8, 9, 11, 12, 13, 15], [3, 5, 6, 7, 8, 9, 11, 12, 14], [3, 5, 6, 7, 8, 9, 11, 12, 14, 15], [3, 5, 6, 7, 8, 9, 11, 13], [3, 5, 6, 7, 8, 9, 11, 13, 14, 15], [3, 5, 6, 7, 8, 9, 11, 13, 15], [3, 5, 6, 7, 8, 9, 11, 14], [3, 5, 6, 7, 8, 9, 11, 14, 15], [3, 5, 6, 7, 8, 9, 11, 15], [3, 5, 6, 7, 8, 9, 12, 13], [3, 5, 6, 7, 8, 9, 12, 13, 14], [3, 5, 6, 7, 8, 9, 12, 13, 14, 15], [3, 5, 6, 7, 8, 9, 12, 13, 15], [3, 5, 6, 7, 8, 9, 12, 14], [3, 5, 6, 7, 8, 9, 12, 14, 15], [3, 5, 6, 7, 8, 9, 13], [3, 5, 6, 7, 8, 9, 13, 14, 15], [3, 5, 6, 7, 8, 9, 13, 15], [3, 5, 6, 7, 8, 9, 14], [3, 5, 6, 7, 8, 9, 14, 15], [3, 5, 6, 7, 8, 9, 15], [3, 5, 6, 7, 8, 10], [3, 5, 6, 7, 8, 10, 11], [3, 5, 6, 7, 8, 10, 11, 12, 13], [3, 5, 6, 7, 8, 10, 11, 12, 13, 14], [3, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15], [3, 5, 6, 7, 8, 10, 11, 12, 13, 15], [3, 5, 6, 7, 8, 10, 11, 12, 14], [3, 5, 6, 7, 8, 10, 11, 12, 14, 15], [3, 5, 6, 7, 8, 10, 11, 13], [3, 5, 6, 7, 8, 10, 11, 13, 14, 15] , [3, 5, 6, 7, 8, 10, 11, 13, 15], [3, 5, 6, 7, 8, 10, 11, 14], [3, 5, 6, 7, 8, 10, 11, 14, 15], [3, 5, 6, 7, 8, 10, 11, 15], [3, 5, 6, 7, 8, 10, 12, 13], [3, 5, 6, 7, 8, 10, 12, 13, 14], [3, 5, 6, 7, 8, 10, 12, 13, 14, 15], [3, 5, 6, 7, 8, 10, 12, 13, 15], [3, 5, 6, 7, 8, 10, 12, 14], [3, 5, 6, 7, 8, 10, 12, 14, 15], [3, 5, 6, 7, 8, 10, 13], [3, 5, 6, 7, 8, 10, 13, 14, 15], [3, 5, 6, 7, 8, 10, 13, 15], [3, 5, 6, 7, 8, 10, 14], [3, 5, 6, 7, 8, 10, 14, 15], [3, 5, 6, 7, 8, 10, 15], [3, 5, 6, 7, 8, 11], [3, 5, 6, 7, 8, 11, 12, 13], [3, 5, 6, 7, 8, 11, 12, 13, 14], [3, 5, 6, 7, 8, 11, 12, 13, 14, 15], [3, 5, 6, 7, 8, 11, 12, 13, 15], [3, 5, 6, 7, 8, 11, 12, 14], [3, 5, 6, 7, 8, 11, 12, 14, 15], [3, 5, 6, 7, 8, 11, 12, 15], [3, 5, 6, 7, 8, 11, 13], [3, 5, 6, 7, 8, 11, 13, 15], [3, 5, 6, 7, 8, 11, 14], [3, 5, 6, 7, 8, 11, 14, 15], [3, 5, 6, 7, 8, 11, 15], [3, 5, 6, 7, 8, 12, 13], [3, 5, 6, 7, 8, 12, 13, 14], [3, 5, 6, 7, 8, 12, 13, 14, 15], [3, 5, 6, 7, 8, 12, 13, 15], [3, 5, 6, 7, 8, 12, 14], [3, 5, 6, 7, 8, 12, 14, 15], [3, 5, 6, 7, 8, 13], [3, 5, 6, 7, 8, 13, 15], [3, 5, 6, 7, 8, 14], [3, 5, 6, 7, 8, 14, 15], [3, 5, 6, 7, 8, 15], [3, 5, 6, 7, 9], [3, 5, 6, 7, 9, 10], [3, 5, 6, 7, 9, 10, 11], [3, 5, 6, 7, 9, 10, 11, 12, 13], [3, 5, 6, 7, 9, 10, 11, 12, 13, 14], [3, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15], [3, 5, 6, 7, 9, 10, 11, 12, 13, 15], [3, 5, 6, 7, 9, 10, 11, 12, 14], [3, 5, 6, 7, 9, 10, 11, 12, 14, 15], [3, 5, 6, 7, 9, 10, 11, 13], [3, 5, 6, 7, 9, 10, 11, 13, 14], [3, 5, 6, 7, 9, 10, 11, 13, 14, 15], [3, 5, 6, 7, 9, 10, 11, 13, 15], [3, 5, 6, 7, 9, 10, 11, 14], [3, 5, 6, 7, 9, 10, 11, 14, 15], [3, 5, 6, 7, 9, 10, 11, 15], [3, 5, 6, 7, 9, 10, 12, 13], [3, 5, 6, 7, 9, 10, 12, 13, 14], [3, 5, 6, 7, 9, 10, 12, 13, 14, 15], [3, 5, 6, 7, 9, 10, 12, 13, 15], [3, 5, 6, 7, 9, 10, 12, 14], [3, 5, 6, 7, 9, 10, 12, 14, 15], [3, 5, 6, 7, 9, 10, 13], [3, 5, 6, 7, 9, 10, 13, 14], [3, 5, 6, 7, 9, 10, 13, 14, 15], [3, 5, 6, 7, 9, 10, 13, 15], [3, 5, 6, 7, 9, 10, 14], [3, 5, 6, 7, 9, 10, 14, 15], [3, 5, 6, 7, 9, 10, 15], [3, 5, 6, 7, 9, 11], [3, 5, 6, 7, 9, 11, 12, 13], [3, 5, 6, 7, 9, 11, 12, 13, 14], [3, 5, 6, 7, 9, 11, 12, 13, 14, 15], [3, 5, 6, 7, 9, 11, 12, 13, 15], [3, 5, 6, 7, 9, 11, 12, 14], [3, 5, 6, 7, 9, 11, 12, 14, 15], [3, 5, 6, 7, 9, 11, 13], [3, 5, 6, 7, 9, 11, 13, 14, 15], [3, 5, 6, 7, 9, 11, 13, 15], [3, 5, 6, 7, 9, 11, 14], [3, 5, 6, 7, 9, 11, 14, 15], [3, 5, 6, 7, 9, 11, 15], [3, 5, 6, 7, 9, 12, 13], [3, 5, 6, 7, 9, 12, 13, 14], [3, 5, 6, 7, 9, 12, 13, 14, 15], [3, 5, 6, 7, 9, 12, 13, 15], [3, 5, 6, 7, 9, 12, 14], [3, 5, 6, 7, 9, 12, 14, 15], [3, 5, 6, 7, 9, 13], [3, 5, 6, 7, 9, 13, 14, 15], [3, 5, 6, 7, 9, 13, 15], [3, 5, 6, 7, 9, 14], [3, 5, 6, 7, 9, 14, 15], [3, 5, 6, 7, 9, 15], [3, 5, 6, 7, 10], [3, 5, 6, 7, 10, 11, 12, 13], [3, 5, 6, 7, 10, 11, 12, 13, 14], [3, 5, 6, 7, 10, 11, 12, 13, 14, 15], [3, 5, 6, 7, 10, 11, 12, 13, 15], [3, 5, 6, 7, 10, 11, 12, 14], [3, 5, 6, 7, 10, 11, 12, 14, 15], [3, 5, 6, 7, 10, 11, 13], [3, 5, 6, 7, 10, 11, 13, 14, 15], [3, 5, 6, 7, 10, 11, 13, 15], [3, 5, 6, 7, 10, 11, 14], [3, 5, 6, 7, 10, 11, 14, 15], [3, 5, 6, 7, 10, 11, 15], [3, 5, 6, 7, 10, 12, 13], [3, 5, 6, 7, 10, 12, 13, 14], [3, 5, 6, 7, 10, 12, 13, 14, 15], [3, 5, 6, 7, 10, 12, 13, 15], [3, 5, 6, 7, 10, 12, 14], [3, 5, 6, 7, 10, 12, 14, 15], [3, 5, 6, 7, 10, 13], [3, 5, 6, 7, 10, 13, 14, 15], [3, 5, 6, 7, 10, 13, 15], [3, 5, 6, 7, 10, 14], [3, 5, 6, 7, 10, 14, 15], [3, 5, 6, 7, 10, 15], [3, 5, 6, 7, 11], [3, 5, 6, 7, 11, 12, 13], [3, 5, 6, 7, 11, 12, 13, 14], [3, 5, 6, 7, 11, 12, 13, 14, 15], [3, 5, 6, 7, 11, 12, 13, 15], [3, 5, 6, 7, 11, 12, 14], [3, 5, 6, 7, 11, 12, 14, 15], [3, 5, 6, 7, 11, 13], [3, 5, 6, 7, 11, 13, 15], [3, 5, 6, 7, 11, 14], [3, 5, 6, 7, 11, 14, 15], [3, 5, 6, 7, 11, 15], [3, 5, 6, 7, 12, 13], [3, 5, 6, 7, 12, 13, 14], [3, 5, 6, 7, 12, 13, 14, 15], [3, 5, 6, 7, 12, 13, 15], [3, 5, 6, 7, 12, 14], [3, 5, 6, 7, 12, 14, 15], [3, 5, 6, 7, 13], [3, 5, 6, 7, 13, 15], [3, 5, 6, 7, 14], [3, 5, 6, 7, 14, 15], [3, 5, 6, 7, 15], [3, 5, 6, 8], [3, 5, 6, 8, 9], [3, 5, 6, 8, 9, 10], [3, 5, 6, 8, 9, 10, 11], [3, 5, 6, 8, 9, 10, 11, 12], [3, 5, 6, 8, 9, 10, 11, 12, 13], [3, 5, 6, 8, 9, 10, 11, 12, 13, 14], [3, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15], [3, 5, 6, 8, 9, 10, 11, 12, 13, 15], [3, 5, 6, 8, 9, 10, 11, 12, 14],

[3, 5, 6, 8, 9, 10, 11, 12, 14, 15], [3, 5, 6, 8, 9, 10, 11, 12, 15], [3, 5, 6, 8, 9, 10, 11, 13, 15] , [3, 5, 6, 8, 9, 10, 11, 14], [3, 5, 6, 8, 9, 10, 11, 14, 15] , [3, 5, 6, 8, 9, 10, 11, 15], [3, 5, 6, 8, 9, 10, 12], [3, 5, 6, 8, 9, 10, 12, 13], [3, 5, 6, 8, 9, 10, 12, 13, 14], [3, 5, 6, 8, 9, 10, 12, 13, 14, 15], [3, 5, 6, 8, 9, 10, 12, 13, 15], [3, 5, 6, 8, 9, 10, 12, 14], [3, 5, 6, 8, 9, 10, 12, 14, 15], [3, 5, 6, 8, 9, 10, 12, 15], [3, 5, 6, 8, 9, 10, 13, 15], [3, 5, 6, 8, 9, 10, 14], [3, 5, 6, 8, 9, 10, 14, 15], [3, 5, 6, 8, 9, 10, 15], [3, 5, 6, 8, 9, 11], [3, 5, 6, 8, 9, 11, 12], [3, 5, 6, 8, 9, 11, 12, 13], [3, 5, 6, 8, 9, 11, 12, 13, 14, 15] , [3, 5, 6, 8, 9, 11, 12, 13, 15], [3, 5, 6, 8, 9, 11, 12, 14], [3, 5, 6, 8, 9, 11, 12, 14, 15], [3, 5, 6, 8, 9, 11, 12, 15], [3, 5, 6, 8, 9, 11, 14], [3, 5, 6, 8, 9, 11, 14, 15], [3, 5, 6, 8, 9, 11, 15], [3, 5, 6, 8, 9, 12], [3, 5, 6, 8, 9, 12, 13], [3, 5, 6, 8, 9, 12, 13, 14, 15], [3, 5, 6, 8, 9, 12, 13, 15], [3, 5, 6, 8, 9, 12, 14], [3, 5, 6, 8, 9, 12, 14, 15], [3, 5, 6, 8, 9, 12, 15], [3, 5, 6, 8, 9, 14], [3, 5, 6, 8, 9, 14, 15], [3, 5, 6, 8, 9, 15], [3, 5, 6, 8, 10], [3, 5, 6, 8, 10, 11], [3, 5, 6, 8, 10, 11, 12], [3, 5, 6, 8, 10, 11, 12, 13], [3, 5, 6, 8, 10, 11, 12, 13, 14, 15], [3, 5, 6, 8, 10, 11, 12, 13, 15], [3, 5, 6, 8, 10, 11, 12, 14], [3, 5, 6, 8, 10, 11, 12, 14, 15], [3, 5, 6, 8, 10, 11, 12, 15], [3, 5, 6, 8, 10, 11, 14, 15], [3, 5, 6, 8, 10, 11, 15], [3, 5, 6, 8, 10, 12], [3, 5, 6, 8, 10, 12, 13], [3, 5, 6, 8, 10, 12, 13, 14, 15], [3, 5, 6, 8, 10, 12, 13, 15], [3, 5, 6, 8, 10, 12, 14], [3, 5, 6, 8, 10, 12, 14, 15], [3, 5, 6, 8, 10, 12, 15], [3, 5, 6, 8, 10, 14, 15], [3, 5, 6, 8, 10, 15], [3, 5, 6, 8, 11], [3, 5, 6, 8, 11, 12], [3, 5, 6, 8, 11, 12, 13], [3, 5, 6, 8, 11, 12, 13, 15], [3, 5, 6, 8, 11, 12, 14], [3, 5, 6, 8, 11, 12, 14, 15], [3, 5, 6, 8, 11, 12, 15], [3, 5, 6, 8, 11, 15], [3, 5, 6, 8, 12], [3, 5, 6, 8, 12, 13], [3, 5, 6, 8, 12, 13, 15], [3, 5, 6, 8, 12, 14], [3, 5, 6, 8, 12, 14, 15], [3, 5, 6, 8, 12, 15], [3, 5, 6, 8, 15], [3, 5, 6, 9], [3, 5, 6, 9, 10], [3, 5, 6, 9, 10, 11, 12, 13], [3, 5, 6, 9, 10, 11, 12, 13, 14], [3, 5, 6, 9, 10, 11, 12, 13, 14, 15], [3, 5, 6, 9, 10, 11, 12, 13, 15], [3, 5, 6, 9, 10, 11, 12, 14], [3, 5, 6, 9, 10, 11, 12, 14, 15], [3, 5, 6, 9, 10, 11, 12, 15], [3, 5, 6, 9, 10, 11, 13, 15], [3, 5, 6, 9, 10, 11, 14], [3, 5, 6, 9, 10, 11, 14, 15], [3, 5, 6, 9, 10, 11, 15], [3, 5, 6, 9, 10, 12], [3, 5, 6, 9, 10, 12, 13], [3, 5, 6, 9, 10, 12, 13, 14], [3, 5, 6, 9, 10, 12, 13, 14, 15], [3, 5, 6, 9, 10, 12, 13, 15], [3, 5, 6, 9, 10, 12, 14], [3, 5, 6, 9, 10, 12, 14, 15], [3, 5, 6, 9, 10, 12, 15], [3, 5, 6, 9, 10, 13, 15], [3, 5, 6, 9, 10, 14], [3, 5, 6, 9, 10, 14, 15], [3, 5, 6, 9, 10, 15], [3, 5, 6, 9, 11, 12], [3, 5, 6, 9, 11, 12, 13], [3, 5, 6, 9, 11, 12, 13, 14, 15], [3, 5, 6, 9, 11, 12, 13, 15], [3, 5, 6, 9, 11, 12, 14], [3, 5, 6, 9, 11, 12, 14, 15], [3, 5, 6, 9, 11, 12, 15], [3, 5, 6, 9, 11, 14], [3, 5, 6, 9, 11, 14, 15], [3, 5, 6, 9, 11, 15], [3, 5, 6, 9, 12], [3, 5, 6, 9, 12, 13], [3, 5, 6, 9, 12, 13, 14, 15], [3, 5, 6, 9, 12, 13, 15], [3, 5, 6, 9, 12, 14], [3, 5, 6, 9, 12, 14, 15], [3, 5, 6, 9, 12, 15], [3, 5, 6, 9, 14, 15], [3, 5, 6, 9, 15], [3, 5, 6, 10, 11, 12, 13], [3, 5, 6, 10, 11, 12, 13, 14, 15], [3, 5, 6, 10, 11, 12, 13, 15], [3, 5, 6, 10, 11, 12, 14, 15], [3, 5, 6, 10, 11, 14, 15], [3, 5, 6, 10, 11, 15], [3, 5, 6, 10, 12], [3, 5, 6, 10, 12, 13], [3, 5, 6, 10, 12, 13, 14, 15], [3, 5, 6, 10, 12, 13, 15], [3, 5, 6, 10, 12, 14], [3, 5, 6, 10, 14, 15], [3, 5, 6, 10, 15], [3, 5, 6, 11, 12, 13], [3, 5, 6, 11, 12, 13, 15], [3, 5, 6, 11, 12, 14, 15], [3, 5, 6, 11, 12, 15], [3, 5, 6, 11, 15], [3, 5, 6, 12], [3, 5, 6, 12, 13], [3, 5, 6, 12, 13, 15], [3, 5, 6, 12, 14], [3, 5, 6, 12, 14, 15], [3, 5, 6, 12, 15], [3, 5, 6, 15], [3, 5, 7], [3, 5, 7, 8], [3, 5, 7, 8, 9], [3, 5, 7, 8, 9, 10], [3, 5, 7, 8, 9, 10, 11], [3, 5, 7, 8, 9, 10, 11, 12, 13], [3, 5, 7, 8, 9, 10, 11, 12, 13, 14], [3, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15], [3, 5, 7, 8, 9, 10, 11, 12, 13, 15], [3, 5, 7, 8, 9, 10, 11, 12, 14], [3, 5, 7, 8, 9, 10, 11, 12, 14, 15], [3, 5, 7, 8, 9, 10, 11, 13], [3, 5, 7, 8, 9, 10, 11, 13, 14, 15] , [3, 5, 7, 8, 9, 10, 11, 13, 15], [3, 5, 7, 8, 9, 10, 11, 14], [3, 5, 7, 8, 9, 10, 11, 14, 15], [3, 5, 7, 8, 9, 10, 11, 15], [3, 5, 7, 8, 9, 10, 12, 13], [3, 5, 7, 8, 9, 10, 12, 13, 14], [3, 5, 7, 8, 9, 10, 12, 13, 14, 15], [3, 5, 7, 8, 9, 10, 12, 13, 15], [3, 5, 7, 8, 9, 10, 12, 14], [3, 5, 7, 8, 9, 10, 12, 14, 15], [3, 5, 7, 8, 9, 10, 13], [3, 5, 7, 8, 9, 10, 13, 14, 15], [3, 5, 7, 8, 9, 10, 13, 15], [3, 5, 7, 8, 9, 10, 14], [3, 5, 7, 8, 9, 10, 14, 15],

[3, 5, 7, 8, 9, 10, 15], [3, 5, 7, 8, 9, 11], [3, 5, 7, 8, 9, 11, 12, 13], [3, 5, 7, 8, 9, 11, 12, 13, 14], [3, 5, 7, 8, 9, 11, 12, 13, 14, 15], [3, 5, 7, 8, 9, 11, 12, 13, 15], [3, 5, 7, 8, 9, 11, 12, 14], [3, 5, 7, 8, 9, 11, 12, 14, 15], [3, 5, 7, 8, 9, 11, 13, 15], [3, 5, 7, 8, 9, 11, 14], [3, 5, 7, 8, 9, 11, 14, 15], [3, 5, 7, 8, 9, 11, 15], [3, 5, 7, 8, 9, 12, 13], [3, 5, 7, 8, 9, 12, 13, 14], [3, 5, 7, 8, 9, 12, 13, 14, 15], [3, 5, 7, 8, 9, 12, 13, 15], [3, 5, 7, 8, 9, 12, 14], [3, 5, 7, 8, 9, 12, 14, 15], [3, 5, 7, 8, 9, 13, 15], [3, 5, 7, 8, 9, 14], [3, 5, 7, 8, 9, 14, 15], [3, 5, 7, 8, 9, 15], [3, 5, 7, 8, 10], [3, 5, 7, 8, 10, 11], [3, 5, 7, 8, 10, 11, 12, 13], [3, 5, 7, 8, 10, 11, 12, 13, 14], [3, 5, 7, 8, 10, 11, 12, 13, 14, 15], [3, 5, 7, 8, 10, 11, 12, 13, 15], [3, 5, 7, 8, 10, 11, 12, 14], [3, 5, 7, 8, 10, 11, 12, 14, 15], [3, 5, 7, 8, 10, 11, 12, 15], [3, 5, 7, 8, 10, 11, 13], [3, 5, 7, 8, 10, 11, 13, 15], [3, 5, 7, 8, 10, 11, 14], [3, 5, 7, 8, 10, 11, 14, 15], [3, 5, 7, 8, 10, 11, 15], [3, 5, 7, 8, 10, 12, 13], [3, 5, 7, 8, 10, 12, 13, 14], [3, 5, 7, 8, 10, 12, 13, 14, 15], [3, 5, 7, 8, 10, 12, 13, 15], [3, 5, 7, 8, 10, 12, 14], [3, 5, 7, 8, 10, 12, 14, 15], [3, 5, 7, 8, 10, 13], [3, 5, 7, 8, 10, 13, 15], [3, 5, 7, 8, 10, 14], [3, 5, 7, 8, 10, 14, 15], [3, 5, 7, 8, 10, 15], [3, 5, 7, 8, 11], [3, 5, 7, 8, 11, 12, 13], [3, 5, 7, 8, 11, 12, 13, 14], [3, 5, 7, 8, 11, 12, 13, 14, 15], [3, 5, 7, 8, 11, 12, 13, 15], [3, 5, 7, 8, 11, 12, 14], [3, 5, 7, 8, 11, 12, 14, 15], [3, 5, 7, 8, 11, 12, 15], [3, 5, 7, 8, 11, 13], [3, 5, 7, 8, 11, 13, 15], [3, 5, 7, 8, 11, 14], [3, 5, 7, 8, 11, 14, 15], [3, 5, 7, 8, 11, 15], [3, 5, 7, 8, 12, 13], [3, 5, 7, 8, 12, 13, 14], [3, 5, 7, 8, 12, 13, 14, 15], [3, 5, 7, 8, 12, 13, 15], [3, 5, 7, 8, 12, 14], [3, 5, 7, 8, 12, 14, 15], [3, 5, 7, 8, 13], [3, 5, 7, 8, 13, 15], [3, 5, 7, 8, 14], [3, 5, 7, 8, 14, 15], [3, 5, 7, 8, 15], [3, 5, 7, 9], [3, 5, 7, 9, 10], [3, 5, 7, 9, 10, 11], [3, 5, 7, 9, 10, 11, 12, 13], [3, 5, 7, 9, 10, 11, 12, 13, 14], [3, 5, 7, 9, 10, 11, 12, 13, 14, 15], [3, 5, 7, 9, 10, 11, 12, 13, 15], [3, 5, 7, 9, 10, 11, 12, 14], [3, 5, 7, 9, 10, 11, 12, 14, 15], [3, 5, 7, 9, 10, 11, 13], [3, 5, 7, 9, 10, 11, 13, 14, 15], [3, 5, 7, 9, 10, 11, 13, 15], [3, 5, 7, 9, 10, 11, 14], [3, 5, 7, 9, 10, 11, 14, 15], [3, 5, 7, 9, 10, 11, 15], [3, 5, 7, 9, 10, 12, 13], [3, 5, 7, 9, 10, 12, 13, 14], [3, 5, 7, 9, 10, 12, 13, 14, 15], [3, 5, 7, 9, 10, 12, 13, 15], [3, 5, 7, 9, 10, 12, 14], [3, 5, 7, 9, 10, 12, 14, 15], [3, 5, 7, 9, 10, 13], [3, 5, 7, 9, 10, 13, 14, 15], [3, 5, 7, 9, 10, 13, 15], [3, 5, 7, 9, 10, 14], [3, 5, 7, 9, 10, 14, 15], [3, 5, 7, 9, 10, 15], [3, 5, 7, 9, 11], [3, 5, 7, 9, 11, 12, 13], [3, 5, 7, 9, 11, 12, 13, 14], [3, 5, 7, 9, 11, 12, 13, 14, 15], [3, 5, 7, 9, 11, 12, 13, 15], [3, 5, 7, 9, 11, 12, 14], [3, 5, 7, 9, 11, 12, 14, 15], [3, 5, 7, 9, 11, 13], [3, 5, 7, 9, 11, 13, 15], [3, 5, 7, 9, 11, 14], [3, 5, 7, 9, 11, 14, 15], [3, 5, 7, 9, 11, 15], [3, 5, 7, 9, 12, 13], [3, 5, 7, 9, 12, 13, 14], [3, 5, 7, 9, 12, 13, 14, 15], [3, 5, 7, 9, 12, 13, 15], [3, 5, 7, 9, 12, 14], [3, 5, 7, 9, 12, 14, 15], [3, 5, 7, 9, 13, 15], [3, 5, 7, 9, 14], [3, 5, 7, 9, 14, 15], [3, 5, 7, 9, 15], [3, 5, 7, 10], [3, 5, 7, 10, 11], [3, 5, 7, 10, 11, 12, 13], [3, 5, 7, 10, 11, 12, 13, 14], [3, 5, 7, 10, 11, 12, 13, 14, 15] , [3, 5, 7, 10, 11, 12, 13, 15], [3, 5, 7, 10, 11, 12, 14], [3, 5, 7, 10, 11, 12, 14, 15], [3, 5, 7, 10, 11, 13], [3, 5, 7, 10, 11, 13, 15], [3, 5, 7, 10, 11, 14], [3, 5, 7, 10, 11, 14, 15], [3, 5, 7, 10, 11, 15], [3, 5, 7, 10, 12, 13], [3, 5, 7, 10, 12, 13, 14], [3, 5, 7, 10, 12, 13, 14, 15], [3, 5, 7, 10, 12, 13, 15], [3, 5, 7, 10, 12, 14], [3, 5, 7, 10, 12, 14, 15], [3, 5, 7, 10, 13], [3, 5, 7, 10, 13, 15], [3, 5, 7, 10, 14], [3, 5, 7, 10, 14, 15], [3, 5, 7, 10, 15], [3, 5, 7, 11], [3, 5, 7, 11, 12, 13], [3, 5, 7, 11, 12, 13, 14], [3, 5, 7, 11, 12, 13, 14, 15], [3, 5, 7, 11, 12, 13, 15], [3, 5, 7, 11, 12, 14], [3, 5, 7, 11, 12, 14, 15], [3, 5, 7, 11, 13], [3, 5, 7, 11, 13, 15], [3, 5, 7, 11, 14], [3, 5, 7, 11, 14, 15], [3, 5, 7, 11, 15], [3, 5, 7, 12, 13], [3, 5, 7, 12, 13, 14], [3, 5, 7, 12, 13, 14, 15], [3, 5, 7, 12, 13, 15], [3, 5, 7, 12, 14], [3, 5, 7, 12, 14, 15], [3, 5, 7, 13], [3, 5, 7, 13, 15], [3, 5, 7, 14], [3, 5, 7, 14, 15], [3, 5, 7, 15], [3, 5, 8], [3, 5, 8, 9], [3, 5, 8, 9, 10], [3, 5, 8, 9, 10, 11], [3, 5, 8, 9, 10, 11, 12], [3, 5, 8, 9, 10, 11, 12, 13], [3, 5, 8, 9, 10, 11, 12, 13, 14, 15], [3, 5, 8, 9, 10, 11, 12, 13, 15], [3, 5, 8, 9, 10, 11, 12, 14], [3, 5, 8, 9, 10, 11, 12, 14, 15], [3, 5, 8, 9, 10, 11, 12, 15], [3, 5, 8, 9, 10, 11, 14], [3, 5, 8, 9, 10, 11, 14, 15], [3, 5, 8, 9, 10, 11, 15], [3, 5, 8, 9, 10, 12], [3, 5, 8, 9, 10, 12, 13], [3, 5, 8, 9, 10, 12, 13, 14, 15], [3, 5, 8, 9, 10, 12, 13, 15], [3, 5, 8, 9, 10, 12, 14], [3, 5, 8, 9, 10, 12, 14, 15], [3, 5, 8, 9, 10, 12, 15], [3, 5, 8, 9, 10, 14], [3, 5, 8, 9, 10, 14, 15], [3, 5, 8, 9, 10, 15], [3, 5, 8, 9, 11], [3, 5, 8, 9, 11, 12], [3, 5, 8, 9, 11, 12, 13], [3, 5, 8, 9, 11, 12, 13, 15], [3, 5, 8, 9, 11, 12, 14], [3, 5, 8, 9, 11, 12, 14, 15], [3, 5, 8, 9, 11, 12, 15], [3, 5, 8, 9, 11, 14, 15], [3, 5, 8, 9, 11, 15], [3, 5, 8, 9, 12], [3, 5, 8, 9, 12, 13], [3, 5, 8, 9, 12, 13, 15], [3, 5, 8, 9, 12, 14], [3, 5, 8, 9, 12, 14, 15], [3, 5, 8, 9, 12, 15], [3, 5, 8, 9, 14, 15], [3, 5, 8, 9, 15], [3, 5, 8, 10], [3, 5, 8, 10, 11], [3, 5, 8, 10, 11, 12], [3, 5, 8, 10, 11, 12, 13], [3, 5, 8, 10, 11, 12, 13, 15], [3, 5, 8, 10, 11, 12, 14], [3, 5, 8, 10, 11, 12, 14, 15], [3, 5, 8, 10, 11, 12, 15], [3, 5, 8, 10, 11, 15], [3, 5, 8, 10, 12], [3, 5, 8, 10, 12, 13], [3, 5, 8, 10, 12, 13, 15], [3, 5, 8, 10, 12, 14], [3, 5, 8, 10, 12, 14, 15], [3, 5, 8, 10, 12, 15], [3, 5, 8, 10, 15], [3, 5, 8, 11], [3, 5, 8, 11, 12], [3, 5, 8, 11, 12, 13], [3, 5, 8, 11, 12, 13, 15], [3, 5, 8, 11, 12, 14], [3, 5, 8, 11, 12, 14, 15], [3, 5, 8, 11, 12, 15], [3, 5, 8, 11, 15], [3, 5, 8, 12], [3, 5, 8, 12, 13], [3, 5, 8, 12, 13, 15], [3, 5, 8, 12, 14], [3, 5, 8, 12, 14, 15], [3, 5, 8, 12, 15], [3, 5, 8, 15], [3, 5, 9], [3, 5, 9, 10], [3, 5, 9, 10, 11], [3, 5, 9, 10, 11, 12], [3, 5, 9, 10, 11, 12, 13], [3, 5, 9, 10, 11, 12, 13, 14, 15], [3, 5, 9, 10, 11, 12, 13, 15], [3, 5, 9, 10, 11, 12, 14], [3, 5, 9, 10, 11, 12, 14, 15], [3, 5, 9, 10, 11, 12, 15], [3, 5, 9, 10, 11, 14], [3, 5, 9, 10, 11, 14, 15], [3, 5, 9, 10, 11, 15], [3, 5, 9, 10, 12], [3, 5, 9, 10, 12, 13], [3, 5, 9, 10, 12, 13, 14, 15], [3, 5, 9, 10, 12, 13, 15], [3, 5, 9, 10, 12, 14], [3, 5, 9, 10, 12, 14, 15], [3, 5, 9, 10, 12, 15], [3, 5, 9, 10, 14], [3, 5, 9, 10, 14, 15], [3, 5, 9, 10, 15], [3, 5, 9, 11], [3, 5, 9, 11, 12], [3, 5, 9, 11, 12, 13], [3, 5, 9, 11, 12, 13, 15], [3, 5, 9, 11, 12, 14], [3, 5, 9, 11, 12, 14, 15], [3, 5, 9, 11, 12, 15], [3, 5, 9, 11, 14, 15], [3, 5, 9, 11, 15], [3, 5, 9, 12], [3, 5, 9, 12, 13], [3, 5, 9, 12, 13, 15], [3, 5, 9, 12, 14], [3, 5, 9, 12, 14, 15], [3, 5, 9, 12, 15], [3, 5, 9, 14, 15], [

3, 5, 9, 15], [3, 5, 10], [3, 5, 10, 11, 12, 13], [3, 5, 10, 11, 12, 13, 15], [3, 5, 10, 11, 12, 14], [3, 5, 10, 11, 12, 14, 15], [3, 5, 10, 11, 12, 15], [3, 5, 10, 11, 15], [3, 5, 10, 12], [3, 5, 10, 12, 13], [3, 5, 10, 12, 13, 15], [3, 5, 10, 12, 14], [3, 5, 10, 15], [3, 5, 11, 12, 13], [3, 5, 11, 12, 13, 15], [3, 5, 11, 12, 14], [3, 5, 11, 12, 14, 15], [3, 5, 11, 12, 15], [3, 5, 11, 15], [3, 5, 12], [3, 5, 12, 13], [3, 5, 12, 13, 15], [3, 5, 12, 14], [3, 5, 12, 14, 15], [3, 5, 12, 15], [3, 5, 15], [3, 6], [3, 6, 7, 8, 9, 10, 11], [3, 6, 7, 8, 9, 10, 11, 12, 13], [3, 6, 7, 8, 9, 10, 11, 12, 13, 14], [3, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [3, 6, 7, 8, 9, 10, 11, 12, 13, 15], [3, 6, 7, 8, 9, 10, 11, 12, 14], [3, 6, 7, 8, 9, 10, 11, 12, 14, 15], [3, 6, 7, 8, 9, 10, 11, 13], [3, 6, 7, 8, 9, 10, 11, 13, 14], [3, 6, 7, 8, 9, 10, 11, 13, 14, 15], [3, 6, 7, 8, 9, 10, 11, 13, 15], [3, 6, 7, 8, 9, 10, 11, 14], [3, 6, 7, 8, 9, 10, 11, 14, 15], [3, 6, 7, 8, 9, 10, 11, 15], [3, 6, 7, 8, 9, 10, 12, 13], [3, 6, 7, 8, 9, 10, 12, 13, 14], [3, 6, 7, 8, 9, 10, 12, 13, 14, 15], [3, 6, 7, 8, 9, 10, 12, 13, 15], [3, 6, 7, 8, 9, 10, 12, 14], [3, 6, 7, 8, 9, 10, 12, 14, 15], [3, 6, 7, 8, 9, 10, 13], [3, 6, 7, 8, 9, 10, 13, 14], [3, 6, 7, 8, 9, 10, 13, 14, 15], [3, 6, 7, 8, 9, 10, 13, 15], [3, 6, 7, 8, 9, 10, 14], [3, 6, 7, 8, 9, 10, 14, 15], [3, 6, 7, 8, 9, 11], [3, 6, 7, 8, 9, 11, 12, 13], [3, 6, 7, 8, 9, 11, 12, 13, 14], [3, 6, 7, 8, 9, 11, 12, 13, 14, 15], [3, 6, 7, 8, 9, 11, 12, 13, 15], [3, 6, 7, 8, 9, 11, 12, 14], [3, 6, 7, 8, 9, 11, 12, 14, 15], [3, 6, 7, 8, 9, 11, 13], [3, 6, 7, 8, 9, 11, 13, 14], [3, 6, 7, 8, 9, 11, 13, 14, 15], [3, 6, 7, 8, 9, 11, 13, 15], [3, 6, 7, 8, 9, 11, 14], [3, 6, 7, 8, 9, 11, 14, 15], [3, 6, 7, 8, 9, 11, 15], [3, 6, 7, 8, 9, 12, 13], [3, 6, 7, 8, 9, 12, 13, 14], [3, 6, 7, 8, 9, 12, 13, 14, 15], [3, 6, 7, 8, 9, 12, 13, 15], [3, 6, 7, 8, 9, 12, 14], [3, 6, 7, 8, 9, 12, 14, 15], [3, 6, 7, 8, 9, 13], [3, 6, 7, 8, 9, 13, 14], [3, 6, 7, 8, 9, 13, 14, 15], [3, 6, 7, 8, 9, 13, 15], [3, 6, 7, 8, 9, 14], [3, 6, 7, 8, 9, 14, 15], [3, 6, 7, 8, 9, 15], [3, 6, 7, 8, 10, 11], [3, 6, 7, 8, 10, 11, 12, 13], [3, 6, 7, 8, 10, 11, 12, 13, 14], [3, 6, 7, 8, 10, 11, 12, 13, 14, 15], [3, 6, 7, 8, 10, 11, 12, 13, 15], [3, 6, 7, 8, 10, 11, 12, 14], [3, 6, 7, 8, 10, 11, 12, 14, 15], [3, 6, 7, 8, 10, 11, 13], [3, 6, 7, 8, 10, 11, 13, 14], [3, 6, 7, 8, 10, 11, 13, 14, 15], [3, 6, 7, 8, 10, 11, 13, 15], [3, 6, 7, 8, 10, 11, 14], [3, 6, 7, 8, 10, 11, 14, 15], [3, 6, 7, 8, 10, 11, 15], [3, 6, 7, 8, 10, 12, 13], [3, 6, 7, 8, 10, 12, 13, 14], [3, 6, 7, 8, 10, 12, 13, 14, 15], [3, 6, 7, 8, 10, 12, 13, 15], [3, 6, 7, 8, 10, 12, 14], [3, 6, 7, 8, 10, 12, 14, 15], [3, 6, 7, 8, 10, 13], [3, 6, 7, 8, 10, 13, 14], [3, 6, 7, 8, 10, 13, 14, 15], [3, 6, 7, 8, 10, 13, 15], [3, 6, 7, 8, 10, 14], [3, 6, 7, 8, 10, 14, 15], [3, 6, 7, 8, 10, 15], [3, 6, 7, 8, 11], [3, 6, 7, 8, 11, 12, 13], [3, 6, 7, 8, 11, 12, 13, 14], [3, 6, 7, 8, 11, 12, 13, 14, 15], [3, 6, 7, 8, 11, 12, 13, 15], [3, 6, 7, 8, 11, 12, 14], [3, 6, 7, 8, 11, 12, 14, 15], [3, 6, 7, 8, 11, 13], [3, 6, 7, 8, 11, 13, 14, 15], [3, 6, 7, 8, 11, 13, 15], [3, 6, 7, 8, 11, 14], [3, 6, 7, 8, 11, 14, 15], [3, 6, 7, 8, 11, 15], [3, 6, 7, 8, 12, 13], [3, 6, 7, 8, 12, 13, 14], [3, 6, 7, 8, 12, 13, 14, 15], [3, 6, 7, 8, 12, 13, 15], [3, 6, 7, 8, 12, 14], [3, 6, 7, 8, 12, 14, 15], [3, 6, 7, 8, 13], [3, 6, 7, 8, 13, 14, 15], [3, 6, 7, 8, 13, 15], [3, 6, 7, 8, 14], [3, 6, 7, 8, 14, 15], [3, 6, 7, 8, 15], [3, 6, 7, 9, 10, 11, 12, 13], [3, 6, 7, 9, 10, 11, 12, 13, 14], [3, 6, 7, 9, 10, 11, 12, 13, 14, 15], [3, 6, 7, 9, 10, 11, 12, 13, 15], [3, 6, 7, 9, 10, 11, 12, 14], [3, 6, 7, 9, 10, 11, 12, 14, 15], [3, 6, 7, 9, 10, 11, 13], [3, 6, 7, 9, 10, 11, 13, 14], [3, 6, 7, 9, 10, 11, 13, 14, 15], [3, 6, 7, 9, 10, 11, 13, 15], [3, 6, 7, 9, 10, 11, 14], [3, 6, 7, 9, 10, 11, 14, 15], [3, 6, 7, 9, 10, 12, 13], [3, 6, 7, 9, 10, 12, 13, 14], [3, 6, 7, 9, 10, 12, 13, 14, 15], [3, 6, 7, 9, 10, 12, 13, 15], [3, 6, 7, 9, 10, 12, 14, 15], [3, 6, 7, 9, 10, 13], [3, 6, 7, 9, 10, 13, 14], [3, 6, 7, 9, 10, 13, 14, 15], [3, 6, 7, 9, 10, 13, 15], [3, 6, 7, 9, 10, 14], [3, 6, 7, 9, 10, 14, 15], [3, 6, 7, 9, 11, 12, 13], [3, 6, 7, 9, 11, 12, 13, 14], [3, 6, 7, 9, 11, 12, 13, 14, 15], [3, 6, 7, 9, 11, 12, 13, 15], [3, 6, 7, 9, 11, 12, 14], [3, 6, 7, 9, 11, 12, 14, 15], [3, 6, 7, 9, 11, 13], [3, 6, 7, 9, 11, 13, 14], [3, 6, 7, 9, 11, 13, 14, 15], [3, 6, 7, 9, 11, 13, 15], [3, 6, 7, 9, 11, 14], [3, 6, 7, 9, 11, 14, 15], [3, 6, 7, 9, 11, 15], [3, 6, 7, 9, 12, 13], [3, 6, 7, 9, 12, 13, 14], [3, 6, 7, 9, 12, 13, 14, 15], [3, 6, 7,

9, 12, 13, 15], [3, 6, 7, 9, 12, 14, 15], [3, 6, 7, 9, 13], [3, 6, 7, 9, 13, 14], [3, 6, 7, 9, 13, 14, 15
], [3, 6, 7, 9, 13, 15], [3, 6, 7, 9, 14], [3, 6, 7, 9, 14, 15], [3, 6, 7, 10, 11, 12, 13], [3, 6, 7, 10,
11, 12, 13, 14], [3, 6, 7, 10, 11, 12, 13, 14, 15], [3, 6, 7, 10, 11, 12, 13, 15], [3, 6, 7, 10, 11, 12,
14], [3, 6, 7, 10, 11, 12, 14, 15], [3, 6, 7, 10, 11, 13], [3, 6, 7, 10, 11, 13, 14], [3, 6, 7, 10, 11,
13, 14, 15], [3, 6, 7, 10, 11, 13, 15], [3, 6, 7, 10, 11, 14], [3, 6, 7, 10, 11, 14, 15], [3, 6, 7, 10,
11, 15], [3, 6, 7, 10, 12, 13], [3, 6, 7, 10, 12, 13, 14], [3, 6, 7, 10, 12, 13, 14, 15], [3, 6, 7, 10,
12, 13, 15], [3, 6, 7, 10, 12, 14], [3, 6, 7, 10, 12, 14, 15], [3, 6, 7, 10, 13], [3, 6, 7, 10, 13, 14
], [3, 6, 7, 10, 13, 14, 15], [3, 6, 7, 10, 13, 15], [3, 6, 7, 10, 14], [3, 6, 7, 10, 14, 15], [3, 6, 7,
11, 12, 13], [3, 6, 7, 11, 12, 13, 14], [3, 6, 7, 11, 12, 13, 14, 15], [3, 6, 7, 11, 12, 13, 15], [3,
6, 7, 11, 12, 14], [3, 6, 7, 11, 12, 14, 15], [3, 6, 7, 11, 13], [3, 6, 7, 11, 13, 14, 15], [3, 6, 7,
11, 13, 15], [3, 6, 7, 11, 14], [3, 6, 7, 11, 14, 15], [3, 6, 7, 11, 15], [3, 6, 7, 12, 13], [3, 6, 7,
12, 13, 14], [3, 6, 7, 12, 13, 14, 15], [3, 6, 7, 12, 13, 15], [3, 6, 7, 12, 14], [3, 6, 7, 12, 14, 15
], [3, 6, 7, 13], [3, 6, 7, 13, 14, 15], [3, 6, 7, 13, 15], [3, 6, 7, 14], [3, 6, 7, 14, 15], [3, 6, 8],
[3, 6, 8, 9], [3, 6, 8, 9, 10], [3, 6, 8, 9, 10, 11], [3, 6, 8, 9, 10, 11, 12], [3, 6, 8, 9, 10, 11, 12,
13], [3, 6, 8, 9, 10, 11, 12, 13, 14], [3, 6, 8, 9, 10, 11, 12, 13, 14, 15], [3, 6, 8, 9, 10, 11, 12, 13,
15], [3, 6, 8, 9, 10, 11, 12, 14], [3, 6, 8, 9, 10, 11, 12, 14, 15], [3, 6, 8, 9, 10, 11, 12, 15], [3,
6, 8, 9, 10, 11, 13], [3, 6, 8, 9, 10, 11, 13, 15], [3, 6, 8, 9, 10, 11, 14], [3, 6, 8, 9, 10, 11, 14, 15
], [3, 6, 8, 9, 10, 11, 15], [3, 6, 8, 9, 10, 12, 13], [3, 6, 8, 9, 10, 12, 13, 14], [3, 6, 8, 9, 10, 12,
13, 14, 15], [3, 6, 8, 9, 10, 12, 13, 15], [3, 6, 8, 9, 10, 12, 14], [3, 6, 8, 9, 10, 12, 14, 15], [3,
6, 8, 9, 10, 13], [3, 6, 8, 9, 10, 13, 15], [3, 6, 8, 9, 10, 14], [3, 6, 8, 9, 10, 14, 15], [3, 6, 8, 9,
10, 15], [3, 6, 8, 9, 11], [3, 6, 8, 9, 11, 12], [3, 6, 8, 9, 11, 12, 13], [3, 6, 8, 9, 11, 12, 13, 14],
[3, 6, 8, 9, 11, 12, 13, 14, 15], [3, 6, 8, 9, 11, 12, 13, 15], [3, 6, 8, 9, 11, 12, 14], [3, 6, 8, 9,

11, 12, 14, 15], [3, 6, 8, 9, 11, 12, 15], [3, 6, 8, 9, 11, 13, 15], [3, 6, 8, 9, 11, 14], [3, 6, 8, 9, 11, 14, 15], [3, 6, 8, 9, 11, 15], [3, 6, 8, 9, 12, 13], [3, 6, 8, 9, 12, 13, 14], [3, 6, 8, 9, 12, 13, 14, 15], [3, 6, 8, 9, 12, 13, 15], [3, 6, 8, 9, 12, 14], [3, 6, 8, 9, 12, 14, 15], [3, 6, 8, 9, 12, 15], [3, 6, 8, 9, 13, 15], [3, 6, 8, 9, 14], [3, 6, 8, 9, 14, 15], [3, 6, 8, 9, 15], [3, 6, 8, 10], [3, 6, 8, 10, 11], [3, 6, 8, 10, 11, 12], [3, 6, 8, 10, 11, 12, 13], [3, 6, 8, 10, 11, 12, 13, 14], [3, 6, 8, 10, 11, 12, 13, 14, 15] , [3, 6, 8, 10, 11, 12, 13, 15], [3, 6, 8, 10, 11, 12, 14], [3, 6, 8, 10, 11, 12, 14, 15], [3, 6, 8, 10, 11, 12, 15], [3, 6, 8, 10, 11, 13, 15], [3, 6, 8, 10, 11, 14], [3, 6, 8, 10, 11, 14, 15], [3, 6, 8, 10, 11, 15], [3, 6, 8, 10, 12, 13], [3, 6, 8, 10, 12, 13, 14], [3, 6, 8, 10, 12, 13, 14, 15], [3, 6, 8, 10, 12, 13, 15], [3, 6, 8, 10, 12, 14], [3, 6, 8, 10, 12, 14, 15], [3, 6, 8, 10, 12, 15], [3, 6, 8, 10, 13, 15], [3, 6, 8, 10, 14], [3, 6, 8, 10, 14, 15], [3, 6, 8, 10, 15], [3, 6, 8, 11], [3, 6, 8, 11, 12], [3, 6, 8, 11, 12, 13], [3, 6, 8, 11, 12, 13, 14, 15], [3, 6, 8, 11, 12, 13, 15], [3, 6, 8, 11, 12, 14], [3, 6, 8, 11, 12, 14, 15], [3, 6, 8, 11, 12, 15], [3, 6, 8, 11, 14], [3, 6, 8, 11, 14, 15], [3, 6, 8, 11, 15], [3, 6, 8, 12, 13], [3, 6, 8, 12, 13, 14, 15], [3, 6, 8, 12, 13, 15], [3, 6, 8, 12, 14], [3, 6, 8, 12, 14, 15], [3, 6, 8, 12, 15], [3, 6, 8, 14], [3, 6, 8, 14, 15], [3, 6, 8, 15], [3, 6, 9], [3, 6, 9, 10], [3, 6, 9, 10, 11], [3, 6, 9, 10, 11, 12, 13], [3, 6, 9, 10, 11, 12, 13, 14], [3, 6, 9, 10, 11, 12, 13, 14, 15] , [3, 6, 9, 10, 11, 12, 13, 15], [3, 6, 9, 10, 11, 12, 14], [3, 6, 9, 10, 11, 12, 14, 15], [3, 6, 9, 10, 11, 13], [3, 6, 9, 10, 11, 13, 15], [3, 6, 9, 10, 11, 14], [3, 6, 9, 10, 11, 14, 15], [3, 6, 9, 10, 11, 15], [3, 6, 9, 10, 12, 13], [3, 6, 9, 10, 12, 13, 14], [3, 6, 9, 10, 12, 13, 14, 15], [3, 6, 9, 10, 12, 13, 15], [3, 6, 9, 10, 12, 14], [3, 6, 9, 10, 12, 14, 15], [3, 6, 9, 10, 13], [3, 6, 9, 10, 13, 15], [3, 6, 9, 10, 14], [3, 6, 9, 10, 14, 15], [3, 6, 9, 10, 15], [3, 6, 9, 11], [3, 6, 9, 11, 12, 13], [3, 6, 9, 11, 12, 13, 14], [3, 6, 9, 11, 12, 13, 14, 15], [3, 6, 9, 11, 12, 13, 15], [3, 6, 9, 11, 12, 14], [3, 6, 9, 11, 12, 14, 15], [3, 6, 9, 11, 12, 15], [3, 6, 9, 11, 13, 15

], [3, 6, 9, 11, 14], [3, 6, 9, 11, 14, 15], [3, 6, 9, 11, 15], [3, 6, 9, 12, 13], [3, 6, 9, 12, 13, 14], [3, 6, 9, 12, 13, 14, 15], [3, 6, 9, 12, 13, 15], [3, 6, 9, 12, 14], [3, 6, 9, 12, 14, 15], [3, 6, 9, 13, 15], [3, 6, 9, 14], [3, 6, 9, 14, 15], [3, 6, 9, 15], [3, 6, 10], [3, 6, 10, 11, 12, 13], [3, 6, 10, 11, 12, 13, 14], [3, 6, 10, 11, 12, 13, 14, 15], [3, 6, 10, 11, 12, 13, 15], [3, 6, 10, 11, 12, 14], [3, 6, 10, 11, 13, 15], [3, 6, 10, 11, 14], [3, 6, 10, 11, 14, 15], [3, 6, 10, 11, 15], [3, 6, 10, 12, 13], [3, 6, 10, 12, 13, 14], [3, 6, 10, 12, 13, 14, 15], [3, 6, 10, 12, 13, 15], [3, 6, 10, 12, 14], [3, 6, 10, 13, 15], [3, 6, 10, 14], [3, 6, 10, 14, 15], [3, 6, 11, 12, 13], [3, 6, 11, 12, 13, 14, 15], [3, 6, 11, 12, 13, 15], [3, 6, 11, 12, 14], [3, 6, 11, 12, 14, 15], [3, 6, 11, 12, 15], [3, 6, 11, 14], [3, 6, 11, 14, 15], [3, 6, 11, 15], [3, 6, 12, 13], [3, 6, 12, 13, 14, 15], [3, 6, 12, 13, 15], [3, 6, 12, 14], [3, 6, 12, 14, 15], [3, 6, 14, 15], [3, 6, 15], [3, 7, 8, 9, 10, 11], [3, 7, 8, 9, 10, 11, 12, 13], [3, 7, 8, 9, 10, 11, 12, 13, 14], [3, 7, 8, 9, 10, 11, 12, 13, 14, 15], [3, 7, 8, 9, 10, 11, 12, 13, 15], [3, 7, 8, 9, 10, 11, 12, 14], [3, 7, 8, 9, 10, 11, 12, 14, 15], [3, 7, 8, 9, 10, 11, 13], [3, 7, 8, 9, 10, 11, 13, 14], [3, 7, 8, 9, 10, 11, 13, 14, 15], [3, 7, 8, 9, 10, 11, 13, 15], [3, 7, 8, 9, 10, 11, 14], [3, 7, 8, 9, 10, 11, 14, 15], [3, 7, 8, 9, 10, 11, 15], [3, 7, 8, 9, 10, 12, 13], [3, 7, 8, 9, 10, 12, 13, 14], [3, 7, 8, 9, 10, 12, 13, 14, 15], [3, 7, 8, 9, 10, 12, 13, 15], [3, 7, 8, 9, 10, 12, 14], [3, 7, 8, 9, 10, 12, 14, 15], [3, 7, 8, 9, 10, 13], [3, 7, 8, 9, 10, 13, 14], [3, 7, 8, 9, 10, 13, 14, 15], [3, 7, 8, 9, 10, 13, 15], [3, 7, 8, 9, 10, 14], [3, 7, 8, 9, 10, 14, 15], [3, 7, 8, 9, 10, 15], [3, 7, 8, 9, 11], [3, 7, 8, 9, 11, 12, 13], [3, 7, 8, 9, 11, 12, 13, 14], [3, 7, 8, 9, 11, 12, 13, 14, 15], [3, 7, 8, 9, 11, 12, 13, 15], [3, 7, 8, 9, 11, 12, 14], [3, 7, 8, 9, 11, 12, 14, 15], [3, 7, 8, 9, 11, 13, 14], [3, 7, 8, 9, 11, 13, 14, 15], [3, 7, 8, 9, 11, 13, 15], [3, 7, 8, 9, 11, 14], [3, 7, 8, 9, 11, 14, 15], [3, 7, 8, 9, 11, 15], [3, 7, 8, 9, 12, 13], [3, 7, 8, 9, 12, 13, 14], [3, 7, 8, 9, 12, 13, 14, 15], [3, 7, 8, 9, 12, 13, 15], [3, 7, 8, 9, 12, 14], [3, 7, 8, 9, 12, 14, 15], [3, 7, 8, 9, 13, 14], [3, 7, 8, 9, 13, 14, 15], [3, 7, 8, 9, 14], [3, 7, 8, 9, 14, 15], [3, 7, 8, 10], [3, 7, 8, 10, 11], [3, 7, 8, 10, 11, 12, 13], [3, 7, 8, 10, 11, 12, 13, 14], [3, 7, 8, 10, 11, 12, 13, 14, 15] , [3, 7, 8, 10, 11, 12, 13, 15], [3, 7, 8, 10, 11, 12, 14], [3, 7, 8, 10, 11, 12, 14, 15], [3, 7, 8, 10, 11, 13], [3, 7, 8, 10, 11, 13, 14], [3, 7, 8, 10, 11, 13, 14, 15], [3, 7, 8, 10, 11, 13, 15], [3, 7, 8, 10, 11, 14], [3, 7, 8, 10, 11, 14, 15], [3, 7, 8, 10, 11, 15], [3, 7, 8, 10, 12, 13], [3, 7, 8, 10, 12, 13, 14], [3, 7, 8, 10, 12, 13, 14, 15], [3, 7, 8, 10, 12, 13, 15], [3, 7, 8, 10, 12, 14], [3, 7, 8, 10, 12, 14, 15], [3, 7, 8, 10, 13], [3, 7, 8, 10, 13, 14], [3, 7, 8, 10, 13, 14, 15], [3, 7, 8, 10, 13, 15], [3, 7, 8, 10, 14], [3, 7, 8, 10, 14, 15], [3, 7, 8, 10, 15], [3, 7, 8, 11], [3, 7, 8, 11, 12, 13], [3, 7, 8, 11, 12, 13, 14], [3, 7, 8, 11, 12, 13, 14, 15], [3, 7, 8, 11, 12, 13, 15], [3, 7, 8, 11, 12, 14], [3, 7, 8, 11, 12, 14, 15], [3, 7, 8, 11, 13], [3, 7, 8, 11, 13, 14, 15], [3, 7, 8, 11, 13, 15], [3, 7, 8, 11, 14], [3, 7, 8, 11, 14, 15], [3, 7, 8, 11, 15], [3, 7, 8, 12, 13], [3, 7, 8, 12, 13, 14], [3, 7, 8, 12, 13, 14, 15], [3, 7, 8, 12, 13, 15], [3, 7, 8, 12, 14], [3, 7, 8, 12, 14, 15], [3, 7, 8, 13], [3, 7, 8, 13, 14, 15], [3, 7, 8, 14], [3, 7, 8, 14, 15], [3, 7, 9, 10, 11, 12, 13], [3, 7, 9, 10, 11, 12, 13, 14], [3, 7, 9, 10, 11, 12, 13, 14, 15], [3, 7, 9, 10, 11, 12, 13, 15], [3, 7, 9, 10, 11, 12, 14], [3, 7, 9, 10, 11, 12, 14, 15], [3, 7, 9, 10, 11, 13], [3, 7, 9, 10, 11, 13, 14], [3, 7, 9, 10, 11, 13, 14, 15], [3, 7, 9, 10, 11, 13, 15], [3, 7, 9, 10, 11, 14], [3, 7, 9, 10, 11, 14, 15], [3, 7, 9, 10, 11, 15], [3, 7, 9, 10, 12, 13], [3, 7, 9, 10, 12, 13, 14], [3, 7, 9, 10, 12, 13, 14, 15], [3, 7, 9, 10, 12, 13, 15], [3, 7, 9, 10, 12, 14, 15], [3, 7, 9, 10, 13], [3, 7, 9, 10, 13, 14], [3, 7, 9, 10, 13, 14, 15], [3, 7, 9, 10, 13, 15], [3, 7, 9, 10, 14], [3, 7, 9, 10, 14, 15], [3, 7, 9, 11, 12, 13], [3, 7, 9, 11, 12, 13, 14], [3, 7, 9, 11, 12, 13, 14, 15], [3, 7, 9, 11, 12, 13, 15], [3, 7, 9, 11, 12, 14], [3, 7, 9, 11, 12, 14, 15], [3, 7, 9, 11, 13, 14], [3, 7, 9, 11, 13, 14, 15], [3, 7, 9, 11, 13, 15], [3, 7, 9, 11, 14], [3, 7, 9, 11, 14, 15], [3, 7, 9, 11, 15], [3, 7, 9, 12, 13], [3, 7, 9, 12, 13, 14], [3, 7, 9, 12, 13, 14, 15],

[3, 7, 9, 12, 13, 15], [3, 7, 9, 12, 14, 15], [3, 7, 9, 13, 14], [3, 7, 9, 13, 14, 15], [3, 7, 9, 13, 15], [3, 7, 9, 14], [3, 7, 9, 14, 15], [3, 7, 10, 11], [3, 7, 10, 11, 12, 13], [3, 7, 10, 11, 12, 13, 14], [3, 7, 10, 11, 12, 13, 14, 15], [3, 7, 10, 11, 12, 13, 15], [3, 7, 10, 11, 12, 14], [3, 7, 10, 11, 12, 14, 15], [3, 7, 10, 11, 13], [3, 7, 10, 11, 13, 14], [3, 7, 10, 11, 13, 14, 15], [3, 7, 10, 11, 13, 15], [3, 7, 10, 11, 14], [3, 7, 10, 11, 14, 15], [3, 7, 10, 11, 15], [3, 7, 10, 12, 13], [3, 7, 10, 12, 13, 14], [3, 7, 10, 12, 13, 14, 15], [3, 7, 10, 12, 13, 15], [3, 7, 10, 12, 14], [3, 7, 10, 12, 14, 15], [3, 7, 10, 13], [3, 7, 10, 13, 14], [3, 7, 10, 13, 14, 15], [3, 7, 10, 13, 15], [3, 7, 10, 14], [3, 7, 10, 14, 15], [3, 7, 10, 15], [3, 7, 11, 12, 13], [3, 7, 11, 12, 13, 14], [3, 7, 11, 12, 13, 14, 15], [3, 7, 11, 12, 13, 15], [3, 7, 11, 12, 14], [3, 7, 11, 12, 14, 15], [3, 7, 11, 13], [3, 7, 11, 13, 14, 15], [3, 7, 11, 13, 15], [3, 7, 11, 14], [3, 7, 11, 14, 15], [3, 7, 11, 15], [3, 7, 12, 13], [3, 7, 12, 13, 14], [3, 7, 12, 13, 14, 15], [3, 7, 12, 13, 15], [3, 7, 12, 14], [3, 7, 12, 14, 15], [3, 7, 13], [3, 7, 13, 14, 15], [3, 7, 13, 15], [3, 7, 14], [3, 7, 14, 15], [3, 7, 15], [3, 8], [3, 8, 9], [3, 8, 9, 10], [3, 8, 9, 10, 11], [3, 8, 9, 10, 11, 12], [3, 8, 9, 10, 11, 12, 13], [3, 8, 9, 10, 11, 12, 13, 14], [3, 8, 9, 10, 11, 12, 13, 14, 15], [3, 8, 9, 10, 11, 12, 13, 15], [3, 8, 9, 10, 11, 12, 14], [3, 8, 9, 10, 11, 12, 14, 15], [3, 8, 9, 10, 11, 12, 15], [3, 8, 9, 10, 11, 13], [3, 8, 9, 10, 11, 13, 15], [3, 8, 9, 10, 11, 14], [3, 8, 9, 10, 11, 14, 15], [3, 8, 9, 10, 11, 15], [3, 8, 9, 10, 12, 13], [3, 8, 9, 10, 12, 13, 14], [3, 8, 9, 10, 12, 13, 14, 15], [3, 8, 9, 10, 12, 13, 15], [3, 8, 9, 10, 12, 14], [3, 8, 9, 10, 12, 14, 15], [3, 8, 9, 10, 12, 15], [3, 8, 9, 10, 13], [3, 8, 9, 10, 13, 15], [3, 8, 9, 10, 14], [3, 8, 9, 10, 14, 15], [3, 8, 9, 10, 15], [3, 8, 9, 11], [3, 8, 9, 11, 12], [3, 8, 9, 11, 12, 13], [3, 8, 9, 11, 12, 13, 14], [3, 8, 9, 11, 12, 13, 14, 15], [3, 8, 9, 11, 12, 13, 15], [3, 8, 9, 11, 12, 14], [3, 8, 9, 11, 12, 14, 15], [3, 8, 9, 11, 12, 15], [3, 8, 9, 11, 13, 15], [3, 8, 9, 11, 14], [3, 8, 9, 11, 14, 15], [3, 8, 9, 11, 15], [3, 8, 9, 12, 13], [3, 8, 9, 12, 13, 14], [3, 8, 9, 12, 13, 14, 15],

[3, 8, 9, 12, 13, 15], [3, 8, 9, 12, 14], [3, 8, 9, 12, 14, 15], [3, 8, 9, 12, 15], [3, 8, 9, 13, 15], [3, 8, 9, 14], [3, 8, 9, 14, 15], [3, 8, 10], [3, 8, 10, 11], [3, 8, 10, 11, 12], [3, 8, 10, 11, 12, 13], [3, 8, 10, 11, 12, 13, 14], [3, 8, 10, 11, 12, 13, 14, 15], [3, 8, 10, 11, 12, 13, 15], [3, 8, 10, 11, 12, 14], [3, 8, 10, 11, 12, 14, 15], [3, 8, 10, 11, 12, 15], [3, 8, 10, 11, 14], [3, 8, 10, 11, 14, 15], [3, 8, 10, 11, 15], [3, 8, 10, 12], [3, 8, 10, 12, 13], [3, 8, 10, 12, 13, 14], [3, 8, 10, 12, 13, 14, 15], [3, 8, 10, 12, 13, 15], [3, 8, 10, 12, 14], [3, 8, 10, 12, 14, 15], [3, 8, 10, 12, 15], [3, 8, 10, 14], [3, 8, 10, 14, 15], [3, 8, 10, 15], [3, 8, 11], [3, 8, 11, 12], [3, 8, 11, 12, 13], [3, 8, 11, 12, 13, 14, 15], [3, 8, 11, 12, 13, 15], [3, 8, 11, 12, 14], [3, 8, 11, 12, 14, 15], [3, 8, 11, 12, 15], [3, 8, 11, 14, 15], [3, 8, 11, 15], [3, 8, 12, 13], [3, 8, 12, 13, 14, 15], [3, 8, 12, 13, 15], [3, 8, 12, 14], [3, 8, 12, 14, 15], [3, 8, 12, 15], [3, 8, 14, 15], [3, 9], [3, 9, 10], [3, 9, 10, 11], [3, 9, 10, 11, 12, 13], [3, 9, 10, 11, 12, 13, 14], [3, 9, 10, 11, 12, 13, 14, 15], [3, 9, 10, 11, 12, 13, 15], [3, 9, 10, 11, 12, 14], [3, 9, 10, 11, 12, 14, 15], [3, 9, 10, 11, 12, 15], [3, 9, 10, 11, 13], [3, 9, 10, 11, 13, 15], [3, 9, 10, 11, 14], [3, 9, 10, 11, 14, 15], [3, 9, 10, 11, 15], [3, 9, 10, 12, 13], [3, 9, 10, 12, 13, 14], [3, 9, 10, 12, 13, 14, 15], [3, 9, 10, 12, 13, 15], [3, 9, 10, 12, 14], [3, 9, 10, 12, 14, 15], [3, 9, 10, 13, 15], [3, 9, 10, 14], [3, 9, 10, 14, 15], [3, 9, 10, 15], [3, 9, 11], [3, 9, 11, 12, 13], [3, 9, 11, 12, 13, 14], [3, 9, 11, 12, 13, 14, 15], [3, 9, 11, 12, 13, 15], [3, 9, 11, 12, 14], [3, 9, 11, 12, 14, 15], [3, 9, 11, 12, 15], [3, 9, 11, 13, 15], [3, 9, 11, 14], [3, 9, 11, 14, 15], [3, 9, 11, 15], [3, 9, 12, 13], [3, 9, 12, 13, 14], [3, 9, 12, 13, 14, 15], [3, 9, 12, 13, 15], [3, 9, 12, 14], [3, 9, 12, 14, 15], [3, 9, 13, 15], [3, 9, 14], [3, 9, 14, 15], [3, 9, 15], [3, 10], [3, 10, 11, 12], [3, 10, 11, 12, 13], [3, 10, 11, 12, 13, 14], [3, 10, 11, 12, 13, 14, 15], [3, 10, 11, 12, 13, 15], [3, 10, 11, 12, 14], [3, 10, 11, 14], [3, 10, 11, 14, 15], [3, 10, 11, 15], [3, 10, 12, 13], [3, 10, 12, 13, 14], [3, 10, 12, 13, 14, 15], [3, 10, 12, 13, 15], [3, 10, 12, 14], [3, 10, 14], [3, 10, 14, 15], [3, 11, 12, 13], [3, 11, 12, 13, 14, 15], [3, 11, 12, 13, 15], [3, 11, 12, 14], [3, 11, 12, 14, 15], [3, 11, 12, 15], [3, 11, 14, 15], [3, 11, 15], [3, 12, 13], [3, 12, 13, 14, 15], [3, 12, 13, 15], [3, 12, 14], [3, 12, 14, 15], [3, 12, 15], [3, 14, 15], [3, 15], [4, 5], [4, 5, 6], [4, 5, 6, 7, 8], [4, 5, 6, 7, 8, 9, 10, 11], [4, 5, 6, 7, 8, 9, 10, 11, 12, 13], [4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14], [4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15], [4, 5, 6, 7, 8, 9, 10, 11, 12, 14], [4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15], [4, 5, 6, 7, 8, 9, 10, 11, 13], [4, 5, 6, 7, 8, 9, 10, 11, 13, 14], [4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15], [4, 5, 6, 7, 8, 9, 10, 11, 13, 15], [4, 5, 6, 7, 8, 9, 10, 11, 14], [4, 5, 6, 7, 8, 9, 10, 11, 14, 15], [4, 5, 6, 7, 8, 9, 10, 11, 15], [4, 5, 6, 7, 8, 9, 10, 12, 13], [4, 5, 6, 7, 8, 9, 10, 12, 13, 14], [4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15], [4, 5, 6, 7, 8, 9, 10, 12, 13, 15], [4, 5, 6, 7, 8, 9, 10, 12, 14], [4, 5, 6, 7, 8, 9, 10, 12, 14, 15], [4, 5, 6, 7, 8, 9, 10, 13], [4, 5, 6, 7, 8, 9, 10, 13, 14], [4, 5, 6, 7, 8, 9, 10, 13, 14, 15], [4, 5, 6, 7, 8, 9, 10, 13, 15], [4, 5, 6, 7, 8, 9, 10, 14], [4, 5, 6, 7, 8, 9, 10, 14, 15], [4, 5, 6, 7, 8, 9, 10, 15], [4, 5, 6, 7, 8, 9, 11], [4, 5, 6, 7, 8, 9, 11, 12, 13], [4, 5, 6, 7, 8, 9, 11, 12, 13, 14], [4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15], [4, 5, 6, 7, 8, 9, 11, 12, 13, 15], [4, 5, 6, 7, 8, 9, 11, 12, 14], [4, 5, 6, 7, 8, 9, 11, 12, 14, 15], [4, 5, 6, 7, 8, 9, 11, 13, 14], [4, 5, 6, 7, 8, 9, 11, 13, 14, 15], [4, 5, 6, 7, 8, 9, 11, 13, 15], [4, 5, 6, 7, 8, 9, 11, 14], [4, 5, 6, 7, 8, 9, 11, 14, 15], [4, 5, 6, 7, 8, 9, 11, 15], [4, 5, 6, 7, 8, 9, 12, 13], [4, 5, 6, 7, 8, 9, 12, 13, 14], [4, 5, 6, 7, 8, 9, 12, 13, 14, 15], [4, 5, 6, 7, 8, 9, 12, 13, 15], [4, 5, 6, 7, 8, 9, 12, 14], [4, 5, 6, 7, 8, 9, 12, 14, 15], [4, 5, 6, 7, 8, 9, 13, 14], [4, 5, 6, 7, 8, 9, 13, 14, 15], [4, 5, 6, 7, 8, 9, 13, 15], [4, 5, 6, 7, 8, 9, 14], [4, 5, 6, 7, 8, 9, 14, 15], [4, 5, 6, 7, 8, 9, 15], [4, 5, 6, 7, 8, 10], [4, 5, 6, 7, 8, 10, 11], [4, 5, 6, 7, 8, 10, 11, 12, 13], [4, 5, 6, 7, 8, 10, 11, 12, 13, 14], [4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15], [4, 5, 6, 7, 8, 10, 11, 12, 13, 15], [4, 5, 6, 7, 8, 10, 11, 12, 14], [4, 5, 6, 7, 8, 10, 11, 12,

14, 15], [4, 5, 6, 7, 8, 10, 11, 13], [4, 5, 6, 7, 8, 10, 11, 13, 14], [4, 5, 6, 7, 8, 10, 11, 13, 14, 15], [4, 5, 6, 7, 8, 10, 11, 13, 15], [4, 5, 6, 7, 8, 10, 11, 14], [4, 5, 6, 7, 8, 10, 11, 14, 15], [4, 5, 6, 7, 8, 10, 11, 15], [4, 5, 6, 7, 8, 10, 12, 13], [4, 5, 6, 7, 8, 10, 12, 13, 14], [4, 5, 6, 7, 8, 10, 12, 13, 14, 15], [4, 5, 6, 7, 8, 10, 12, 13, 15], [4, 5, 6, 7, 8, 10, 12, 14], [4, 5, 6, 7, 8, 10, 12, 14, 15], [4, 5, 6, 7, 8, 10, 13], [4, 5, 6, 7, 8, 10, 13, 14], [4, 5, 6, 7, 8, 10, 13, 14, 15], [4, 5, 6, 7, 8, 10, 13, 15], [4, 5, 6, 7, 8, 10, 14], [4, 5, 6, 7, 8, 10, 14, 15], [4, 5, 6, 7, 8, 10, 15], [4, 5, 6, 7, 8, 11], [4, 5, 6, 7, 8, 11, 12, 13], [4, 5, 6, 7, 8, 11, 12, 13, 14], [4, 5, 6, 7, 8, 11, 12, 13, 14, 15], [4, 5, 6, 7, 8, 11, 12, 13, 15], [4, 5, 6, 7, 8, 11, 12, 14], [4, 5, 6, 7, 8, 11, 12, 14, 15], [4, 5, 6, 7, 8, 11, 13], [4, 5, 6, 7, 8, 11, 13, 14], [4, 5, 6, 7, 8, 11, 13, 14, 15], [4, 5, 6, 7, 8, 11, 13, 15], [4, 5, 6, 7, 8, 11, 14], [4, 5, 6, 7, 8, 11, 14, 15], [4, 5, 6, 7, 8, 11, 15], [4, 5, 6, 7, 8, 12, 13], [4, 5, 6, 7, 8, 12, 13, 14], [4, 5, 6, 7, 8, 12, 13, 14, 15], [4, 5, 6, 7, 8, 12, 13, 15], [4, 5, 6, 7, 8, 12, 14], [4, 5, 6, 7, 8, 12, 14, 15], [4, 5, 6, 7, 8, 13], [4, 5, 6, 7, 8, 13, 14], [4, 5, 6, 7, 8, 13, 14, 15], [4, 5, 6, 7, 8, 13, 15], [4, 5, 6, 7, 8, 14], [4, 5, 6, 7, 8, 14, 15], [4, 5, 6, 7, 8, 15], [4, 5, 6, 7, 9, 10, 11, 12, 13], [4, 5, 6, 7, 9, 10, 11, 12, 13, 14], [4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15], [4, 5, 6, 7, 9, 10, 11, 12, 13, 15], [4, 5, 6, 7, 9, 10, 11, 12, 14], [4, 5, 6, 7, 9, 10, 11, 12, 14, 15], [4, 5, 6, 7, 9, 10, 11, 13], [4, 5, 6, 7, 9, 10, 11, 13, 14], [4, 5, 6, 7, 9, 10, 11, 13, 14, 15], [4, 5, 6, 7, 9, 10, 11, 13, 15], [4, 5, 6, 7, 9, 10, 11, 14], [4, 5, 6, 7, 9, 10, 11, 14, 15], [4, 5, 6, 7, 9, 10, 11, 15], [4, 5, 6, 7, 9, 10, 12, 13], [4, 5, 6, 7, 9, 10, 12, 13, 14], [4, 5, 6, 7, 9, 10, 12, 13, 14, 15], [4, 5, 6, 7, 9, 10, 12, 13, 15], [4, 5, 6, 7, 9, 10, 12, 14, 15] , [4, 5, 6, 7, 9, 10, 13], [4, 5, 6, 7, 9, 10, 13, 14], [4, 5, 6, 7, 9, 10, 13, 14, 15], [4, 5, 6, 7, 9, 10, 13, 15], [4, 5, 6, 7, 9, 10, 14], [4, 5, 6, 7, 9, 10, 14, 15], [4, 5, 6, 7, 9, 11, 12, 13], [4, 5, 6, 7, 9, 11, 12, 13, 14], [4, 5, 6, 7, 9, 11, 12, 13, 14, 15], [4, 5, 6, 7, 9, 11, 12, 13, 15], [4, 5, 6, 7, 9, 11, 12, 14], [4, 5, 6, 7, 9, 11, 12, 14, 15], [4, 5, 6, 7, 9, 11, 13], [4, 5, 6, 7, 9, 11, 13, 14], [4, 5, 6, 7, 9, 11, 13, 14, 15], [4, 5, 6, 7, 9, 11, 13, 15], [4, 5, 6, 7, 9, 11, 14], [4, 5, 6, 7, 9, 11, 14, 15], [4, 5, 6, 7, 9, 11, 15], [4, 5, 6, 7, 9, 12, 13], [4, 5, 6, 7, 9, 12, 13, 14], [4, 5, 6, 7, 9, 12, 13, 14, 15], [4, 5, 6, 7, 9, 12, 13, 15], [4, 5, 6, 7, 9, 12, 14, 15], [4, 5, 6, 7, 9, 13], [4, 5, 6, 7, 9, 13, 14], [4, 5, 6, 7, 9, 13, 14, 15], [4, 5, 6, 7, 9, 13, 15], [4, 5, 6, 7, 9, 14], [4, 5, 6, 7, 9, 14, 15], [4, 5, 6, 7, 10, 11], [4, 5, 6, 7, 10, 11, 12, 13], [4, 5, 6, 7, 10, 11, 12, 13, 14], [4, 5, 6, 7, 10, 11, 12, 13, 14, 15], [4, 5, 6, 7, 10, 11, 12, 13, 15], [4, 5, 6, 7, 10, 11, 12, 14], [4, 5, 6, 7, 10, 11, 12, 14, 15], [4, 5, 6, 7, 10, 11, 13], [4, 5, 6, 7, 10, 11, 13, 14], [4, 5, 6, 7, 10, 11, 13, 14, 15], [4, 5, 6, 7, 10, 11, 13, 15], [4, 5, 6, 7, 10, 11, 14], [4, 5, 6, 7, 10, 11, 14, 15], [4, 5, 6, 7, 10, 11, 15], [4, 5, 6, 7, 10, 12, 13], [4, 5, 6, 7, 10, 12, 13, 14], [4, 5, 6, 7, 10, 12, 13, 14, 15], [4, 5, 6, 7, 10, 12, 13, 15], [4, 5, 6, 7, 10, 12, 14], [4, 5, 6, 7, 10, 12, 14, 15], [4, 5, 6, 7, 10, 13], [4, 5, 6, 7, 10, 13, 14], [4, 5, 6, 7, 10, 13, 14, 15], [4, 5, 6, 7, 10, 13, 15], [4, 5, 6, 7, 10, 14], [4, 5, 6, 7, 10, 14, 15], [4, 5, 6, 7, 11], [4, 5, 6, 7, 11, 12, 13], [4, 5, 6, 7, 11, 12, 13, 14], [4, 5, 6, 7, 11, 12, 13, 14, 15], [4, 5, 6, 7, 11, 12, 13, 15], [4, 5, 6, 7, 11, 12, 14], [4, 5, 6, 7, 11, 12, 14, 15], [4, 5, 6, 7, 11, 13], [4, 5, 6, 7, 11, 13, 14], [4, 5, 6, 7, 11, 13, 14, 15], [4, 5, 6, 7, 11, 13, 15], [4, 5, 6, 7, 11, 14], [4, 5, 6, 7, 11, 14, 15], [4, 5, 6, 7, 11, 15], [4, 5, 6, 7, 12, 13], [4, 5, 6, 7, 12, 13, 14], [4, 5, 6, 7, 12, 13, 14, 15], [4, 5, 6, 7, 12, 13, 15], [4, 5, 6, 7, 12, 14], [4, 5, 6, 7, 12, 14, 15], [4, 5, 6, 7, 13], [4, 5, 6, 7, 13, 14], [4, 5, 6, 7, 13, 14, 15], [4, 5, 6, 7, 13, 15], [4, 5, 6, 7, 14], [4, 5, 6, 7, 14, 15], [4, 5, 6, 7, 15], [4, 5, 6, 8], [4, 5, 6, 8, 9], [4, 5, 6, 8, 9, 10], [4, 5, 6, 8, 9, 10, 11], [4, 5, 6, 8, 9, 10, 11, 12], [4, 5, 6, 8, 9, 10, 11, 12, 13], [4, 5, 6, 8, 9, 10, 11, 12, 13, 14], [4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15], [4, 5, 6, 8, 9, 10, 11, 12, 13, 15], [4, 5, 6, 8, 9, 10, 11, 12, 14], [4, 5, 6, 8, 9, 10, 11, 12, 14, 15], [4, 5, 6, 8, 9, 10, 11, 12, 15], [4, 5, 6, 8, 9, 10, 11, 13], [4, 5, 6, 8, 9, 10, 11, 13, 15], [4, 5, 6, 8, 9, 10, 11, 14], [4, 5, 6, 8, 9, 10, 11, 14, 15], [4, 5, 6, 8, 9, 10, 11, 15], [4, 5, 6, 8, 9, 10, 12, 13], [4, 5, 6, 8, 9, 10, 12, 13, 14], [4, 5, 6, 8, 9, 10, 12, 13, 14, 15], [4, 5, 6, 8, 9, 10, 12, 13, 15], [4, 5, 6, 8, 9, 10, 12, 14], [4, 5, 6, 8, 9, 10, 12, 14, 15], [4, 5, 6, 8, 9, 10, 12, 15], [4, 5, 6, 8, 9, 10, 13], [4, 5, 6, 8, 9, 10, 13, 15], [4, 5, 6, 8, 9, 10, 14], [4, 5, 6, 8, 9, 10, 14, 15], [4, 5, 6, 8, 9, 10, 15], [4, 5, 6, 8, 9, 11], [4, 5, 6, 8, 9, 11, 12], [4, 5, 6, 8, 9, 11, 12, 13], [4, 5, 6, 8, 9, 11, 12, 13, 14], [4, 5, 6, 8, 9, 11, 12, 13, 14, 15], [4, 5, 6, 8, 9, 11, 12, 13, 15], [4, 5, 6, 8, 9, 11, 12, 14], [4, 5, 6, 8, 9, 11, 12, 14, 15], [4, 5, 6, 8, 9, 11, 12, 15], [4, 5, 6, 8, 9, 11, 13], [4, 5, 6, 8, 9, 11, 13, 15], [4, 5, 6, 8, 9, 11, 14], [4, 5, 6, 8, 9, 11, 14, 15], [4, 5, 6, 8, 9, 11, 15], [4, 5, 6, 8, 9, 12, 13], [4, 5, 6, 8, 9, 12, 13, 14], [4, 5, 6, 8, 9, 12, 13, 14, 15], [4, 5, 6, 8, 9, 12, 13, 15], [4, 5, 6, 8, 9, 12, 14], [4, 5, 6, 8, 9, 12, 14, 15], [4, 5, 6, 8, 9, 12, 15], [4, 5, 6, 8, 9, 13, 15], [4, 5, 6, 8, 9, 14], [4, 5, 6, 8, 9, 14, 15], [4, 5, 6, 8, 9, 15], [4, 5, 6, 8, 10], [4, 5, 6, 8, 10, 11], [4, 5, 6, 8, 10, 11, 12], [4, 5, 6, 8, 10, 11, 12, 13], [4, 5, 6, 8, 10, 11, 12, 13, 14], [4, 5, 6, 8, 10, 11, 12, 13, 14, 15], [4, 5, 6, 8, 10, 11, 12, 13, 15], [4, 5, 6, 8, 10, 11, 12, 14], [4, 5, 6, 8, 10, 11, 12, 14, 15], [4, 5, 6, 8, 10, 11, 12, 15], [4, 5, 6, 8, 10, 11, 13, 15], [4, 5, 6, 8, 10, 11, 14], [4, 5, 6, 8, 10, 11, 14, 15], [4, 5, 6, 8, 10, 11, 15], [4, 5, 6, 8, 10, 12], [4, 5, 6, 8, 10, 12, 13], [4, 5, 6, 8, 10, 12, 13, 14], [4, 5, 6, 8, 10, 12, 13, 14, 15], [4, 5, 6, 8, 10, 12, 13, 15], [4, 5, 6, 8, 10, 12, 14], [4, 5, 6, 8, 10, 12, 14, 15], [4, 5, 6, 8, 10, 12, 15], [4, 5, 6, 8, 10, 13, 15], [4, 5, 6, 8, 10, 14], [4, 5, 6, 8, 10, 14, 15], [4, 5, 6, 8, 10, 15], [4, 5, 6, 8, 11], [4, 5, 6, 8, 11, 12], [4, 5, 6, 8, 11, 12, 13], [4, 5, 6, 8, 11, 12, 13, 14], [4, 5, 6, 8, 11, 12, 13, 14, 15], [4, 5, 6, 8, 11, 12, 13, 15], [4, 5, 6, 8, 11, 12, 14], [4, 5, 6, 8, 11, 12, 14, 15], [4, 5, 6, 8, 11, 12, 15], [4, 5, 6, 8, 11, 14], [4, 5, 6, 8, 11, 14, 15], [4, 5, 6, 8, 11, 15], [4, 5, 6, 8, 12], [4, 5, 6, 8, 12, 13], [4, 5, 6, 8, 12, 13, 14], [4, 5, 6, 8, 12, 13, 14, 15], [4, 5, 6, 8, 12, 13, 15], [4, 5, 6, 8, 12, 14], [4, 5, 6, 8, 12, 14, 15], [4, 5, 6, 8, 12, 15], [4, 5, 6, 8, 14], [4, 5, 6, 8, 14, 15], [4, 5, 6, 8, 15], [4, 5, 6, 9], [4, 5, 6, 9, 10], [4, 5, 6, 9, 10, 11, 12, 13], [4, 5, 6, 9, 10, 11, 12, 13, 14], [4, 5, 6, 9, 10, 11, 12, 13, 14, 15], [4, 5, 6, 9, 10, 11, 12, 13, 15], [4, 5, 6, 9, 10, 11, 12, 14], [4, 5, 6, 9, 10, 11, 12, 14, 15], [4, 5, 6, 9, 10, 11, 12, 15], [4, 5, 6, 9, 10, 11, 13], [4, 5, 6, 9, 10, 11, 13, 15], [4, 5, 6, 9, 10, 11, 14], [4, 5, 6, 9, 10, 11, 14, 15], [4, 5, 6, 9, 10, 11, 15], [4, 5, 6, 9, 10, 12, 13], [4, 5, 6, 9, 10, 12, 13, 14], [4, 5, 6, 9, 10, 12, 13, 14, 15], [4, 5, 6, 9, 10, 12, 13, 15], [4, 5, 6, 9, 10, 12, 14], [4, 5, 6, 9, 10, 12, 14, 15], [4, 5, 6, 9, 10, 13], [4, 5, 6, 9, 10, 13, 15], [4, 5, 6, 9, 10, 14], [4, 5, 6, 9, 10, 14, 15], [4, 5, 6, 9, 10, 15], [4, 5, 6, 9, 11], [4, 5, 6, 9, 11, 12, 13], [4, 5, 6, 9, 11, 12, 13, 14], [4, 5, 6, 9, 11, 12, 13, 14, 15], [4, 5, 6, 9, 11, 12, 13, 15], [4, 5, 6, 9, 11, 12, 14], [4, 5, 6, 9, 11, 12, 14, 15], [4, 5, 6, 9, 11, 12, 15], [4, 5, 6, 9, 11, 13], [4, 5, 6, 9, 11, 13, 15], [4, 5, 6, 9, 11, 14], [4, 5, 6, 9, 11, 14, 15], [4, 5, 6, 9, 11, 15], [4, 5, 6, 9, 12, 13], [4, 5, 6, 9, 12, 13, 14], [4, 5, 6, 9, 12, 13, 14, 15], [4, 5, 6, 9, 12, 13, 15], [4, 5, 6, 9, 12, 14], [4, 5, 6, 9, 12, 14, 15], [4, 5, 6, 9, 13, 15], [4, 5, 6, 9, 14], [4, 5, 6, 9, 14, 15], [4, 5, 6, 9, 15], [4, 5, 6, 10], [4, 5, 6, 10, 11, 12, 13], [4, 5, 6, 10, 11, 12, 13, 14], [4, 5, 6, 10, 11, 12, 13, 14, 15] , [4, 5, 6, 10, 11, 12, 13, 15], [4, 5, 6, 10, 11, 12, 14, 15], [4, 5, 6, 10, 11, 12, 15], [4, 5, 6, 10, 11, 13, 15], [4, 5, 6, 10, 11, 14, 15], [4, 5, 6, 10, 11, 15], [4, 5, 6, 10, 12, 13], [4, 5, 6, 10, 12, 13, 14], [4, 5, 6, 10, 12, 13, 14, 15], [4, 5, 6, 10, 12, 13, 15], [4, 5, 6, 10, 12, 14], [4, 5, 6, 10, 13, 15], [4, 5, 6, 10, 14], [4, 5, 6, 10, 14, 15], [4, 5, 6, 10, 15], [4, 5, 6, 11, 12, 13], [4, 5, 6, 11, 12, 13, 14], [4, 5, 6, 11, 12, 13, 14, 15], [4, 5, 6, 11, 12, 13, 15], [4, 5, 6, 11, 12, 14], [4, 5, 6, 11, 12, 14, 15], [4, 5, 6, 11, 12, 15], [4, 5, 6, 11, 14, 15], [4, 5, 6, 11, 15], [4, 5, 6, 12, 13], [4, 5, 6, 12, 13, 14], [4, 5, 6, 12, 13, 14, 15], [4, 5, 6, 12, 13, 15], [4, 5, 6, 12, 14], [4, 5, 6, 12, 14, 15], [4, 5, 6, 12, 15], [4, 5, 6, 14], [4, 5, 6, 14, 15], [4, 5, 6, 15], [4, 5, 7, 8], [4, 5, 7, 8, 9, 10, 11], [4, 5, 7, 8, 9, 10, 11, 12, 13], [4, 5, 7, 8, 9, 10, 11, 12, 13, 14], [4, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15], [4, 5, 7, 8, 9, 10, 11, 12, 13, 15], [4, 5, 7, 8, 9, 10, 11, 12, 14], [4, 5, 7, 8, 9, 10, 11, 12, 14, 15], [4, 5, 7, 8, 9, 10, 11, 13], [4, 5, 7, 8, 9, 10, 11, 13, 14], [4, 5, 7, 8, 9, 10, 11, 13, 14, 15], [4, 5, 7, 8, 9, 10, 11, 13, 15], [4, 5, 7, 8, 9, 10, 11, 14], [4, 5, 7, 8, 9, 10, 11, 14, 15], [4, 5, 7, 8, 9, 10, 11, 15], [4, 5, 7, 8, 9, 10, 12, 13], [4, 5, 7, 8, 9, 10, 12, 13, 14], [4, 5, 7, 8, 9, 10, 12, 13, 14, 15], [4, 5, 7, 8, 9, 10, 12, 13, 15], [4, 5, 7, 8, 9, 10, 12, 14], [4, 5, 7, 8, 9, 10, 12, 14, 15], [4, 5, 7, 8, 9, 10, 13], [4, 5, 7, 8, 9, 10, 13, 14], [4, 5, 7, 8, 9, 10, 13, 14, 15], [4, 5, 7, 8, 9, 10, 13, 15], [4, 5, 7, 8, 9, 10, 14], [4, 5, 7, 8, 9, 10, 14, 15], [4, 5, 7, 8, 9, 10, 15], [4, 5, 7, 8, 9, 11], [4, 5, 7, 8, 9, 11, 12, 13], [4, 5, 7, 8, 9, 11, 12, 13, 14], [4, 5, 7, 8, 9, 11, 12, 13, 14, 15], [4, 5, 7, 8, 9, 11, 12, 13, 15], [4, 5, 7, 8, 9, 11, 12, 14], [4, 5, 7, 8, 9, 11, 12, 14, 15], [4, 5, 7, 8, 9, 11, 13, 14], [4, 5, 7, 8, 9, 11, 13, 14, 15], [4, 5, 7, 8, 9, 11, 13, 15], [4, 5, 7, 8, 9, 11, 14], [4, 5, 7, 8, 9, 11, 14, 15], [4, 5, 7, 8, 9, 11, 15], [4, 5, 7, 8, 9, 12, 13], [4, 5, 7, 8, 9, 12, 13, 14], [4, 5, 7, 8, 9, 12, 13, 14, 15], [4, 5, 7, 8, 9, 12, 13, 15], [4, 5, 7, 8, 9, 12, 14], [4, 5, 7, 8, 9, 12, 14, 15], [4, 5, 7, 8, 9, 13, 14], [4, 5, 7, 8, 9, 13, 14, 15], [4, 5, 7, 8, 9, 13, 15], [4, 5, 7, 8, 9, 14], [4, 5, 7, 8, 9, 14, 15], [4, 5, 7, 8, 9, 15], [4, 5, 7, 8, 10], [4, 5, 7, 8, 10, 11], [4, 5, 7, 8, 10, 11, 12, 13], [4, 5, 7, 8, 10, 11, 12, 13, 14], [4, 5, 7, 8, 10, 11, 12, 13, 14, 15], [4, 5, 7, 8, 10, 11, 12, 13, 15], [4, 5, 7, 8, 10, 11, 12, 14], [4, 5, 7, 8, 10, 11, 12, 14, 15], [4, 5, 7, 8, 10, 11, 13], [4, 5, 7, 8, 10, 11, 13, 14], [4, 5, 7, 8, 10, 11, 13, 14, 15], [4, 5, 7, 8, 10, 11, 13, 15], [4, 5, 7, 8, 10, 11, 14], [4, 5, 7, 8, 10, 11, 14, 15], [4, 5, 7, 8, 10, 11, 15], [4, 5, 7, 8, 10, 12, 13], [4, 5, 7, 8, 10, 12, 13, 14], [4, 5, 7, 8, 10, 12, 13, 14, 15], [4, 5, 7, 8, 10, 12, 13, 15], [4, 5, 7, 8, 10, 12, 14], [4, 5, 7, 8, 10, 12, 14, 15], [4, 5, 7, 8, 10, 13], [4, 5, 7, 8, 10, 13, 14], [4, 5, 7, 8, 10, 13, 14, 15], [4, 5, 7, 8, 10, 13, 15], [4,

5, 7, 8, 10, 14], [4, 5, 7, 8, 10, 14, 15], [4, 5, 7, 8, 10, 15], [4, 5, 7, 8, 11], [4, 5, 7, 8, 11, 12, 13], [4, 5, 7, 8, 11, 12, 13, 14], [4, 5, 7, 8, 11, 12, 13, 14, 15], [4, 5, 7, 8, 11, 12, 13, 15], [4, 5, 7, 8, 11, 12, 14], [4, 5, 7, 8, 11, 12, 14, 15], [4, 5, 7, 8, 11, 13], [4, 5, 7, 8, 11, 13, 14, 15], [4, 5, 7, 8, 11, 13, 15], [4, 5, 7, 8, 11, 14], [4, 5, 7, 8, 11, 14, 15], [4, 5, 7, 8, 11, 15], [4, 5, 7, 8, 12, 13], [4, 5, 7, 8, 12, 13, 14], [4, 5, 7, 8, 12, 13, 14, 15], [4, 5, 7, 8, 12, 13, 15], [4, 5, 7, 8, 12, 14], [4, 5, 7, 8, 12, 14, 15], [4, 5, 7, 8, 13], [4, 5, 7, 8, 13, 14, 15], [4, 5, 7, 8, 13, 15], [4, 5, 7, 8, 14], [4, 5, 7, 8, 14, 15], [4, 5, 7, 8, 15], [4, 5, 7, 9, 10, 11, 12, 13], [4, 5, 7, 9, 10, 11, 12, 13, 14], [4, 5, 7, 9, 10, 11, 12, 13, 14, 15], [4, 5, 7, 9, 10, 11, 12, 13, 15], [4, 5, 7, 9, 10, 11, 12, 14], [4, 5, 7, 9, 10, 11, 12, 14, 15], [4, 5, 7, 9, 10, 11, 13], [4, 5, 7, 9, 10, 11, 13, 14], [4, 5, 7, 9, 10, 11, 13, 14, 15], [4, 5, 7, 9, 10, 11, 13, 15], [4, 5, 7, 9, 10, 11, 14], [4, 5, 7, 9, 10, 11, 14, 15], [4, 5, 7, 9, 10, 11, 15], [4, 5, 7, 9, 10, 12, 13], [4, 5, 7, 9, 10, 12, 13, 14], [4, 5, 7, 9, 10, 12, 13, 14, 15], [4, 5, 7, 9, 10, 12, 13, 15], [4, 5, 7, 9, 10, 12, 14, 15], [4, 5, 7, 9, 10, 13], [4, 5, 7, 9, 10, 13, 14], [4, 5, 7, 9, 10, 13, 14, 15], [4, 5, 7, 9, 10, 13, 15], [4, 5, 7, 9, 10, 14], [4, 5, 7, 9, 10, 14, 15], [4, 5, 7, 9, 11, 12, 13], [4, 5, 7, 9, 11, 12, 13, 14], [4, 5, 7, 9, 11, 12, 13, 14, 15], [4, 5, 7, 9, 11, 12, 13, 15], [4, 5, 7, 9, 11, 12, 14], [4, 5, 7, 9, 11, 12, 14, 15], [4, 5, 7, 9, 11, 13, 14], [4, 5, 7, 9, 11, 13, 14, 15], [4, 5, 7, 9, 11, 13, 15], [4, 5, 7, 9, 11, 14], [4, 5, 7, 9, 11, 14, 15], [4, 5, 7, 9, 11, 15], [4, 5, 7, 9, 12, 13], [4, 5, 7, 9, 12, 13, 14], [4, 5, 7, 9, 12, 13, 14, 15], [4, 5, 7, 9, 12, 13, 15], [4, 5, 7, 9, 12, 14], [4, 5, 7, 9, 12, 14, 15], [4, 5, 7, 9, 13, 14], [4, 5, 7, 9, 13, 14, 15], [4, 5, 7, 9, 13, 15], [4, 5, 7, 9, 14], [4, 5, 7, 9, 14, 15], [4, 5, 7, 10, 11], [4, 5, 7, 10, 11, 12, 13], [4, 5, 7, 10, 11, 12, 13, 14], [4, 5, 7, 10, 11, 12, 13, 14, 15], [4, 5, 7, 10, 11, 12, 13, 15], [4, 5, 7, 10, 11, 12, 14], [4, 5, 7, 10, 11, 12, 14, 15], [4, 5, 7, 10, 11, 13], [4, 5, 7, 10, 11, 13, 14], [4, 5, 7, 10, 11, 13, 14, 15], [4, 5, 7, 10, 11, 13, 15], [4, 5, 7, 10, 11, 14], [4, 5, 7, 10, 11, 14, 15], [4, 5, 7, 10, 11, 15], [4, 5, 7, 10, 12, 13], [4, 5, 7, 10, 12, 13, 14], [4, 5, 7, 10, 12, 13, 14, 15], [4, 5, 7, 10, 12, 13, 15], [4, 5, 7, 10, 12, 14], [4, 5, 7, 10, 12, 14, 15], [4, 5, 7, 10, 13], [4, 5, 7, 10, 13, 14], [4, 5, 7, 10, 13, 14, 15], [4, 5, 7, 10, 13, 15], [4, 5, 7, 10, 14], [4, 5, 7, 10, 14, 15], [4, 5, 7, 10, 15], [4, 5, 7, 11], [4, 5, 7, 11, 12, 13], [4, 5, 7, 11, 12, 13, 14], [4, 5, 7, 11, 12, 13, 14, 15], [4, 5, 7, 11, 12, 13, 15], [4, 5, 7, 11, 12, 14], [4, 5, 7, 11, 12, 14, 15], [4, 5, 7, 11, 13], [4, 5, 7, 11, 13, 14, 15], [4, 5, 7, 11, 13, 15], [4, 5, 7, 11, 14], [4, 5, 7, 11, 14, 15], [4, 5, 7, 11, 15], [4, 5, 7, 12, 13], [4, 5, 7, 12, 13, 14], [4, 5, 7, 12, 13, 14, 15], [4, 5, 7, 12, 13, 15], [4, 5, 7, 12, 14], [4, 5, 7, 12, 14, 15], [4, 5, 7, 13], [4, 5, 7, 13, 14, 15], [4, 5, 7, 13, 15], [4, 5, 7, 14], [4, 5, 7, 14, 15], [4, 5, 7, 15], [4, 5, 8], [4, 5, 8, 9], [4, 5, 8, 9, 10], [4, 5, 8, 9, 10, 11], [4, 5, 8, 9, 10, 11, 12], [4, 5, 8, 9, 10, 11, 12, 13], [4, 5, 8, 9, 10, 11, 12, 13, 14], [4, 5, 8, 9, 10, 11, 12, 13, 14, 15], [4, 5, 8, 9, 10, 11, 12, 13, 15], [4, 5, 8, 9, 10, 11, 12, 14], [4, 5, 8, 9, 10, 11, 12, 14, 15], [4, 5, 8, 9, 10, 11, 12, 15], [4, 5, 8, 9, 10, 11, 13], [4, 5, 8, 9, 10, 11, 13, 15], [4, 5, 8, 9, 10, 11, 14], [4, 5, 8, 9, 10, 11, 14, 15], [4, 5, 8, 9, 10, 11, 15], [4, 5, 8, 9, 10, 12, 13], [4, 5, 8, 9, 10, 12, 13, 14], [4, 5, 8, 9, 10, 12, 13, 14, 15], [4, 5, 8, 9, 10, 12, 13, 15], [4, 5, 8, 9, 10, 12, 14], [4, 5, 8, 9, 10, 12, 14, 15], [4, 5, 8, 9, 10, 12, 15], [4, 5, 8, 9, 10, 13], [4, 5, 8, 9, 10, 13, 15], [4, 5, 8, 9, 10, 14], [4, 5, 8, 9, 10, 14, 15], [4, 5, 8, 9, 10, 15], [4, 5, 8, 9, 11], [4, 5, 8, 9, 11, 12], [4, 5, 8, 9, 11, 12, 13], [4, 5, 8, 9, 11, 12, 13, 14], [4, 5, 8, 9, 11, 12, 13, 14, 15], [4, 5, 8, 9, 11, 12, 13, 15], [4, 5, 8, 9, 11, 12, 14], [4, 5, 8, 9, 11, 12, 14, 15], [4, 5, 8, 9, 11, 12, 15], [4, 5, 8, 9, 11, 13, 15], [4, 5, 8, 9, 11, 14], [4, 5, 8, 9, 11, 14, 15], [4, 5, 8, 9, 11, 15], [4, 5, 8, 9, 12, 13], [4, 5, 8, 9, 12, 13, 14], [4, 5, 8, 9, 12, 13, 14, 15], [4, 5, 8, 9, 12, 13, 15], [4, 5, 8, 9, 12, 14], [4, 5, 8, 9, 12, 14, 15], [4, 5, 8, 9, 12, 15], [4, 5, 8, 9, 13, 15], [4, 5, 8, 9, 14], [4, 5, 8, 9, 14, 15], [4, 5, 8, 9, 15], [4, 5, 8, 10], [4, 5, 8, 10, 11], [4, 5, 8, 10, 11, 12], [4, 5, 8, 10, 11, 12, 13], [4, 5, 8, 10, 11, 12, 13, 14], [4, 5, 8, 10, 11, 12, 13, 14, 15] , [4, 5, 8, 10, 11, 12, 13, 15], [4, 5, 8, 10, 11, 12, 14], [4, 5, 8, 10, 11, 12, 14, 15], [4, 5, 8, 10, 11, 12, 15], [4, 5, 8, 10, 11, 14], [4, 5, 8, 10, 11, 14, 15], [4, 5, 8, 10, 11, 15], [4, 5, 8, 10, 12], [4, 5, 8, 10, 12, 13], [4, 5, 8, 10, 12, 13, 14], [4, 5, 8, 10, 12, 13, 14, 15], [4, 5, 8, 10, 12, 13, 15], [4, 5, 8, 10, 12, 14], [4, 5, 8, 10, 12, 14, 15], [4, 5, 8, 10, 12, 15], [4, 5, 8, 10, 14], [4, 5, 8, 10, 14, 15], [4, 5, 8, 10, 15], [4, 5, 8, 11], [4, 5, 8, 11, 12], [4, 5, 8, 11, 12, 13], [4, 5, 8, 11, 12, 13, 14, 15], [4, 5, 8, 11, 12, 13, 15], [4, 5, 8, 11, 12, 14], [4, 5, 8, 11, 12, 14, 15], [4, 5, 8, 11, 12, 15], [4, 5, 8, 11, 14, 15], [4, 5, 8, 11, 15], [4, 5, 8, 12], [4, 5, 8, 12, 13], [4, 5, 8, 12, 13, 14, 15], [4, 5, 8, 12, 13, 15], [4, 5, 8, 12, 14], [4, 5, 8, 12, 14, 15], [4, 5, 8, 12, 15], [4, 5, 8, 14, 15], [4, 5, 8, 15], [4, 5, 9], [4, 5, 9, 10], [4, 5, 9, 10, 11], [4, 5, 9, 10, 11, 12, 13], [4, 5, 9, 10, 11, 12, 13, 14], [4, 5, 9, 10, 11, 12, 13, 14, 15] , [4, 5, 9, 10, 11, 12, 13, 15], [4, 5, 9, 10, 11, 12, 14], [4, 5, 9, 10, 11, 12, 14, 15], [4, 5, 9, 10, 11, 12, 15], [4, 5, 9, 10, 11, 13], [4, 5, 9, 10, 11, 13, 15], [4, 5, 9, 10, 11, 14], [4, 5, 9, 10, 11, 14, 15], [4, 5, 9, 10, 11, 15], [4, 5, 9, 10, 12, 13], [4, 5, 9, 10, 12, 13, 14], [4, 5, 9, 10, 12, 13, 14, 15], [4, 5, 9, 10, 12, 13, 15], [4, 5, 9, 10, 12, 14], [4, 5, 9, 10, 12, 14, 15], [4, 5, 9, 10, 13], [4, 5, 9, 10, 13, 15], [4, 5, 9, 10, 14], [4, 5, 9, 10, 14, 15], [4, 5, 9, 10, 15], [4, 5, 9, 11], [4, 5, 9, 11, 12, 13], [4, 5, 9, 11, 12, 13, 14], [4, 5, 9, 11, 12, 13, 14, 15], [4, 5, 9, 11, 12, 13, 15], [4, 5, 9, 11, 12, 14], [4, 5, 9, 11, 12, 14, 15], [4, 5, 9, 11, 12, 15], [4, 5, 9, 11, 13, 15], [4, 5, 9, 11, 14], [4, 5, 9, 11, 14, 15], [4, 5, 9, 11, 15], [4, 5, 9, 12, 13], [4, 5, 9, 12, 13, 14], [4, 5, 9, 12, 13, 14, 15], [4, 5, 9, 12, 13, 15], [4, 5, 9, 12, 14], [4, 5, 9, 12, 14, 15], [4, 5, 9, 13, 15], [4, 5, 9, 14], [4, 5, 9, 14, 15], [4, 5, 9, 15], [4, 5, 10], [4, 5, 10, 11, 12, 13], [4, 5, 10, 11, 12, 13, 14], [4, 5, 10, 11, 12, 13, 14, 15], [4, 5, 10, 11, 12, 13, 15], [4, 5, 10, 11, 12, 14], [

4, 5, 10, 11, 12, 14, 15], [4, 5, 10, 11, 12, 15], [4, 5, 10, 11, 14], [4, 5, 10, 11, 14, 15], [4, 5, 10, 11, 15], [4, 5, 10, 12, 13], [4, 5, 10, 12, 13, 14], [4, 5, 10, 12, 13, 14, 15], [4, 5, 10, 12, 13, 15], [4, 5, 10, 12, 14], [4, 5, 10, 14], [4, 5, 10, 14, 15], [4, 5, 10, 15], [4, 5, 11, 12, 13], [4, 5, 11, 12, 13, 14, 15], [4, 5, 11, 12, 13, 15], [4, 5, 11, 12, 14], [4, 5, 11, 12, 14, 15], [4, 5, 11, 12, 15], [4, 5, 11, 14, 15], [4, 5, 11, 15], [4, 5, 12, 13], [4, 5, 12, 13, 14, 15], [4, 5, 12, 13, 15], [4, 5, 12, 14], [4, 5, 12, 14, 15], [4, 5, 12, 15], [4, 5, 14, 15], [4, 5, 15], [4, 6, 7, 8, 9, 10, 11, 12, 13], [4, 6, 7, 8, 9, 10, 11, 12, 13, 14], [4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [4, 6, 7, 8, 9, 10, 11, 12, 13, 15], [4, 6, 7, 8, 9, 10, 11, 13], [4, 6, 7, 8, 9, 10, 11, 13, 14], [4, 6, 7, 8, 9, 10, 11, 13, 14, 15], [4, 6, 7, 8, 9, 10, 11, 13, 15], [4, 6, 7, 8, 9, 10, 11, 14], [4, 6, 7, 8, 9, 10, 11, 14, 15], [4, 6, 7, 8, 9, 10, 12, 13], [4, 6, 7, 8, 9, 10, 12, 13, 14], [4, 6, 7, 8, 9, 10, 12, 13, 14, 15], [4, 6, 7, 8, 9, 10, 12, 13, 15], [4, 6, 7, 8, 9, 10, 13], [4, 6, 7, 8, 9, 10, 13, 14], [4, 6, 7, 8, 9, 10, 13, 14, 15], [4, 6, 7, 8, 9, 10, 13, 15], [4, 6, 7, 8, 9, 10, 14], [4, 6, 7, 8, 9, 10, 14, 15], [4, 6, 7, 8, 9, 11, 12, 13], [4, 6, 7, 8, 9, 11, 12, 13, 14], [4, 6, 7, 8, 9, 11, 12, 13, 14, 15], [4, 6, 7, 8, 9, 11, 12, 13, 15], [4, 6, 7, 8, 9, 11, 13, 14], [4, 6, 7, 8, 9, 11, 13, 14, 15], [4, 6, 7, 8, 9, 11, 13, 15], [4, 6, 7, 8, 9, 11, 14], [4, 6, 7, 8, 9, 11, 14, 15], [4, 6, 7, 8, 9, 12, 13], [4, 6, 7, 8, 9, 12, 13, 14], [4, 6, 7, 8, 9, 12, 13, 14, 15], [4, 6, 7, 8, 9, 12, 13, 15], [4, 6, 7, 8, 9, 13, 14], [4, 6, 7, 8, 9, 13, 14, 15], [4, 6, 7, 8, 9, 13, 15], [4, 6, 7, 8, 9, 14], [4, 6, 7, 8, 9, 14, 15], [4, 6, 7, 8, 10, 11, 12, 13], [4, 6, 7, 8, 10, 11, 12, 13, 14], [4, 6, 7, 8, 10, 11, 12, 13, 14, 15], [4, 6, 7, 8, 10, 11, 12, 13, 15], [4, 6, 7, 8, 10, 11, 12, 14, 15], [4, 6, 7, 8, 10, 11, 13], [4, 6, 7, 8, 10, 11, 13, 14], [4, 6, 7, 8, 10, 11, 13, 14, 15], [4, 6, 7, 8, 10, 11, 13, 15], [4, 6, 7, 8, 10, 11, 14], [4, 6, 7, 8, 10, 11, 14, 15], [4, 6, 7, 8, 10, 12, 13], [4, 6, 7, 8, 10, 12, 13, 14], [4, 6, 7, 8, 10, 12, 13, 14, 15], [4, 6, 7, 8, 10, 12, 13, 15], [4, 6, 7, 8, 10, 13], [4, 6, 7, 8, 10, 13, 14], [4, 6, 7, 8, 10, 13, 14, 15], [4, 6, 7, 8, 10, 13, 15], [4, 6, 7, 8, 10, 14], [4, 6, 7, 8, 10, 14, 15], [4, 6, 7, 8, 11, 12, 13], [4, 6, 7, 8, 11, 12, 13, 14], [4, 6, 7, 8, 11, 12, 13, 14, 15], [4, 6, 7, 8, 11, 12, 13, 15], [4, 6, 7, 8, 11, 12, 14, 15], [4, 6, 7, 8, 11, 13], [4, 6, 7, 8, 11, 13, 14], [4, 6, 7, 8, 11, 13, 14, 15], [4, 6, 7, 8, 11, 13, 15], [4, 6, 7, 8, 11, 14], [4, 6, 7, 8, 11, 14, 15], [4, 6, 7, 8, 12, 13], [4, 6, 7, 8, 12, 13, 14], [4, 6, 7, 8, 12, 13, 14, 15], [4, 6, 7, 8, 12, 13, 15], [4, 6, 7, 8, 13], [4, 6, 7, 8, 13, 14], [4, 6, 7, 8, 13, 14, 15], [4, 6, 7, 8, 13, 15], [4, 6, 7, 8, 14], [4, 6, 7, 8, 14, 15], [4, 6, 7, 9, 10, 11, 12, 13], [4, 6, 7, 9, 10, 11, 12, 13, 14], [4, 6, 7, 9, 10, 11, 12, 13, 14, 15], [4, 6, 7, 9, 10, 11, 12, 13, 15], [4, 6, 7, 9, 10, 11, 13], [4, 6, 7, 9, 10, 11, 13, 14], [4, 6, 7, 9, 10, 11, 13, 14, 15], [4, 6, 7, 9, 10, 11, 13, 15], [4, 6, 7, 9, 10, 11, 14], [4, 6, 7, 9, 10, 11, 14, 15], [4, 6, 7, 9, 10, 12, 13, 14], [4, 6, 7, 9, 10, 12, 13, 14, 15], [4, 6, 7, 9, 10, 12, 13, 15], [4, 6, 7, 9, 10, 13], [4, 6, 7, 9, 10, 13, 14], [4, 6, 7, 9, 10, 13, 14, 15], [4, 6, 7, 9, 10, 13, 15], [4, 6, 7, 9, 10, 14], [4, 6, 7, 9, 10, 14, 15], [4, 6, 7, 9, 11, 12, 13], [4, 6, 7, 9, 11, 12, 13, 14], [4, 6, 7, 9, 11, 12, 13, 14, 15], [4, 6, 7, 9, 11, 12, 13, 15], [4, 6, 7, 9, 11, 13], [4, 6, 7, 9, 11, 13, 14], [4, 6, 7, 9, 11, 13, 14, 15], [4, 6, 7, 9, 11, 13, 15], [4, 6, 7, 9, 11, 14], [4, 6, 7, 9, 11, 14, 15], [4, 6, 7, 9, 12, 13, 14], [4, 6, 7, 9, 12, 13, 14, 15], [4, 6, 7, 9, 12, 13, 15], [4, 6, 7, 9, 13, 14], [4, 6, 7, 9, 13, 14, 15], [4, 6, 7, 9, 13, 15], [4, 6, 7, 9, 14], [4, 6, 7, 9, 14, 15], [4, 6, 7, 10, 11, 12, 13], [4, 6, 7, 10, 11, 12, 13, 14], [4, 6, 7, 10, 11, 12, 13, 14, 15], [4, 6, 7, 10, 11, 12, 13, 15], [4, 6, 7, 10, 11, 13], [4, 6, 7, 10, 11, 13, 14], [4, 6, 7, 10, 11, 13, 14, 15], [4, 6, 7, 10, 11, 13, 15], [4, 6, 7, 10, 11, 14], [4, 6, 7, 10, 11, 14, 15], [4, 6, 7, 10, 12, 13], [4, 6, 7, 10, 12, 13, 14], [4, 6, 7, 10, 12, 13, 14, 15], [4, 6, 7, 10, 12, 13, 15], [4, 6, 7, 10, 13], [4, 6, 7, 10, 13, 14], [4, 6, 7, 10, 13, 14, 15], [4, 6, 7, 10, 13, 15], [4, 6, 7, 10, 14], [4, 6, 7, 10, 14, 15], [4, 6, 7, 11, 12, 13], [4, 6, 7, 11, 12, 13, 14], [4, 6, 7, 11, 12, 13, 14, 15], [4, 6, 7, 11, 12, 13, 15], [4, 6, 7, 11, 13

], [4, 6, 7, 11, 13, 14], [4, 6, 7, 11, 13, 14, 15], [4, 6, 7, 11, 13, 15], [4, 6, 7, 11, 14], [4, 6, 7, 11, 14, 15], [4, 6, 7, 12, 13], [4, 6, 7, 12, 13, 14], [4, 6, 7, 12, 13, 14, 15], [4, 6, 7, 12, 13, 15], [4, 6, 7, 13], [4, 6, 7, 13, 14], [4, 6, 7, 13, 14, 15], [4, 6, 7, 13, 15], [4, 6, 7, 14], [4, 6, 7, 14, 15], [4, 6, 8], [4, 6, 8, 9], [4, 6, 8, 9, 10], [4, 6, 8, 9, 10, 11], [4, 6, 8, 9, 10, 11, 12, 13], [4, 6, 8, 9, 10, 11, 12, 13, 14], [4, 6, 8, 9, 10, 11, 12, 13, 14, 15], [4, 6, 8, 9, 10, 11, 12, 13, 15], [4, 6, 8, 9, 10, 11, 12, 14], [4, 6, 8, 9, 10, 11, 12, 14, 15], [4, 6, 8, 9, 10, 11, 13], [4, 6, 8, 9, 10, 11, 13, 14, 15], [4, 6, 8, 9, 10, 11, 13, 15], [4, 6, 8, 9, 10, 11, 14], [4, 6, 8, 9, 10, 11, 14, 15], [4, 6, 8, 9, 10, 11, 15], [4, 6, 8, 9, 10, 12, 13], [4, 6, 8, 9, 10, 12, 13, 14], [4, 6, 8, 9, 10, 12, 13, 14, 15], [4, 6, 8, 9, 10, 12, 13, 15], [4, 6, 8, 9, 10, 12, 14], [4, 6, 8, 9, 10, 12, 14, 15], [4, 6, 8, 9, 10, 13], [4, 6, 8, 9, 10, 13, 14, 15], [4, 6, 8, 9, 10, 13, 15], [4, 6, 8, 9, 10, 14], [4, 6, 8, 9, 10, 14, 15], [4, 6, 8, 9, 10, 15], [4, 6, 8, 9, 11], [4, 6, 8, 9, 11, 12, 13], [4, 6, 8, 9, 11, 12, 13, 14], [4, 6, 8, 9, 11, 12, 13, 14, 15], [4, 6, 8, 9, 11, 12, 13, 15], [4, 6, 8, 9, 11, 12, 14], [4, 6, 8, 9, 11, 12, 14, 15], [4, 6, 8, 9, 11, 13], [4, 6, 8, 9, 11, 13, 15], [4, 6, 8, 9, 11, 14], [4, 6, 8, 9, 11, 14, 15], [4, 6, 8, 9, 11, 15], [4, 6, 8, 9, 12, 13], [4, 6, 8, 9, 12, 13, 14], [4, 6, 8, 9, 12, 13, 14, 15], [4, 6, 8, 9, 12, 13, 15], [4, 6, 8, 9, 12, 14], [4, 6, 8, 9, 12, 14, 15], [4, 6, 8, 9, 13, 15], [4, 6, 8, 9, 14], [4, 6, 8, 9, 14, 15], [4, 6, 8, 9, 15], [4, 6, 8, 10], [4, 6, 8, 10, 11], [4, 6, 8, 10, 11, 12, 13], [4, 6, 8, 10, 11, 12, 13, 14], [4, 6, 8, 10, 11, 12, 13, 14, 15] , [4, 6, 8, 10, 11, 12, 13, 15], [4, 6, 8, 10, 11, 12, 14], [4, 6, 8, 10, 11, 12, 14, 15], [4, 6, 8, 10, 11, 13], [4, 6, 8, 10, 11, 13, 15], [4, 6, 8, 10, 11, 14], [4, 6, 8, 10, 11, 14, 15], [4, 6, 8, 10, 11, 15], [4, 6, 8, 10, 12, 13], [4, 6, 8, 10, 12, 13, 14], [4, 6, 8, 10, 12, 13, 14, 15], [4, 6, 8, 10, 12, 13, 15], [4, 6, 8, 10, 12, 14], [4, 6, 8, 10, 12, 14, 15], [4, 6, 8, 10, 13], [4, 6, 8, 10, 13, 15], [4, 6, 8, 10, 14], [4, 6, 8, 10, 14, 15], [4, 6, 8, 10, 15], [4, 6, 8, 11], [4, 6, 8, 11, 12, 13], [4, 6, 8, 11, 12, 13, 14], [4,

6, 8, 11, 12, 13, 14, 15], [4, 6, 8, 11, 12, 13, 15], [4, 6, 8, 11, 12, 14], [4, 6, 8, 11, 12, 14, 15],
[4, 6, 8, 11, 13], [4, 6, 8, 11, 13, 15], [4, 6, 8, 11, 14], [4, 6, 8, 11, 14, 15], [4, 6, 8, 11, 15], [
4, 6, 8, 12, 13], [4, 6, 8, 12, 13, 14], [4, 6, 8, 12, 13, 14, 15], [4, 6, 8, 12, 13, 15], [4, 6, 8, 12,
14], [4, 6, 8, 12, 14, 15], [4, 6, 8, 13], [4, 6, 8, 13, 15], [4, 6, 8, 14], [4, 6, 8, 14, 15], [4, 6,
8, 15], [4, 6, 9, 10, 11], [4, 6, 9, 10, 11, 12, 13], [4, 6, 9, 10, 11, 12, 13, 14], [4, 6, 9, 10, 11,
12, 13, 14, 15] , [4, 6, 9, 10, 11, 12, 13, 15], [4, 6, 9, 10, 11, 12, 14], [4, 6, 9, 10, 11, 12, 14, 15
], [4, 6, 9, 10, 11, 13], [4, 6, 9, 10, 11, 13, 14, 15], [4, 6, 9, 10, 11, 13, 15], [4, 6, 9, 10, 11, 14
], [4, 6, 9, 10, 11, 14, 15], [4, 6, 9, 10, 11, 15], [4, 6, 9, 10, 12, 13], [4, 6, 9, 10, 12, 13, 14], [
4, 6, 9, 10, 12, 13, 14, 15], [4, 6, 9, 10, 12, 13, 15], [4, 6, 9, 10, 12, 14], [4, 6, 9, 10, 12, 14, 15
], [4, 6, 9, 10, 13], [4, 6, 9, 10, 13, 14, 15], [4, 6, 9, 10, 13, 15], [4, 6, 9, 10, 14], [4, 6, 9, 10,
14, 15], [4, 6, 9, 10, 15], [4, 6, 9, 11], [4, 6, 9, 11, 12, 13], [4, 6, 9, 11, 12, 13, 14], [4, 6, 9,
11, 12, 13, 14, 15], [4, 6, 9, 11, 12, 13, 15], [4, 6, 9, 11, 12, 14], [4, 6, 9, 11, 12, 14, 15], [4,
6, 9, 11, 13], [4, 6, 9, 11, 13, 15], [4, 6, 9, 11, 14], [4, 6, 9, 11, 14, 15], [4, 6, 9, 11, 15], [4,
6, 9, 12, 13], [4, 6, 9, 12, 13, 14], [4, 6, 9, 12, 13, 14, 15], [4, 6, 9, 12, 13, 15], [4, 6, 9, 12, 14
], [4, 6, 9, 12, 14, 15], [4, 6, 9, 13], [4, 6, 9, 13, 15], [4, 6, 9, 14], [4, 6, 9, 14, 15], [4, 6, 9,
15], [4, 6, 10], [4, 6, 10, 11, 12, 13], [4, 6, 10, 11, 12, 13, 14], [4, 6, 10, 11, 12, 13, 14, 15], [
4, 6, 10, 11, 12, 13, 15], [4, 6, 10, 11, 12, 14], [4, 6, 10, 11, 12, 14, 15], [4, 6, 10, 11, 13], [4,
6, 10, 11, 13, 15], [4, 6, 10, 11, 14], [4, 6, 10, 11, 14, 15], [4, 6, 10, 11, 15], [4, 6, 10, 12, 13
], [4, 6, 10, 12, 13, 14], [4, 6, 10, 12, 13, 14, 15], [4, 6, 10, 12, 13, 15], [4, 6, 10, 12, 14], [4,
6, 10, 13], [4, 6, 10, 13, 15], [4, 6, 10, 14], [4, 6, 10, 14, 15], [4, 6, 10, 15], [4, 6, 11, 12, 13
], [4, 6, 11, 12, 13, 14], [4, 6, 11, 12, 13, 14, 15], [4, 6, 11, 12, 13, 15], [4, 6, 11, 12, 14], [4,
6, 11, 12, 14, 15], [4, 6, 11, 13], [4, 6, 11, 13, 15], [4, 6, 11, 14], [4, 6, 11, 14, 15], [4, 6, 11,

15], [4, 6, 12, 13], [4, 6, 12, 13, 14], [4, 6, 12, 13, 14, 15], [4, 6, 12, 13, 15], [4, 6, 12, 14], [4, 6, 12, 14, 15], [4, 6, 13, 15], [4, 6, 14], [4, 6, 14, 15], [4, 6, 15], [4, 7, 8, 9, 10, 11, 12, 13], [4, 7, 8, 9, 10, 11, 12, 13, 14], [4, 7, 8, 9, 10, 11, 12, 13, 14, 15], [4, 7, 8, 9, 10, 11, 12, 13, 15], [4, 7, 8, 9, 10, 11, 13], [4, 7, 8, 9, 10, 11, 13, 14], [4, 7, 8, 9, 10, 11, 13, 14, 15], [4, 7, 8, 9, 10, 11, 13, 15], [4, 7, 8, 9, 10, 11, 14], [4, 7, 8, 9, 10, 11, 14, 15], [4, 7, 8, 9, 10, 12, 13], [4, 7, 8, 9, 10, 12, 13, 14], [4, 7, 8, 9, 10, 12, 13, 14, 15], [4, 7, 8, 9, 10, 12, 13, 15], [4, 7, 8, 9, 10, 13], [4, 7, 8, 9, 10, 13, 14], [4, 7, 8, 9, 10, 13, 14, 15], [4, 7, 8, 9, 10, 13, 15], [4, 7, 8, 9, 10, 14], [4, 7, 8, 9, 10, 14, 15], [4, 7, 8, 9, 11, 12, 13], [4, 7, 8, 9, 11, 12, 13, 14], [4, 7, 8, 9, 11, 12, 13, 14, 15], [4, 7, 8, 9, 11, 12, 13, 15], [4, 7, 8, 9, 11, 12, 14, 15], [4, 7, 8, 9, 11, 13, 14], [4, 7, 8, 9, 11, 13, 14, 15], [4, 7, 8, 9, 11, 13, 15], [4, 7, 8, 9, 11, 14], [4, 7, 8, 9, 11, 14, 15], [4, 7, 8, 9, 12, 13], [4, 7, 8, 9, 12, 13, 14], [4, 7, 8, 9, 12, 13, 14, 15], [4, 7, 8, 9, 13, 14], [4, 7, 8, 9, 13, 14, 15], [4, 7, 8, 9, 14], [4, 7, 8, 10, 11, 12, 13], [4, 7, 8, 10, 11, 12, 13, 14], [4, 7, 8, 10, 11, 12, 13, 14, 15] , [4, 7, 8, 10, 11, 12, 13, 15], [4, 7, 8, 10, 11, 12, 14], [4, 7, 8, 10, 11, 12, 14, 15], [4, 7, 8, 10, 11, 13], [4, 7, 8, 10, 11, 13, 14], [4, 7, 8, 10, 11, 13, 14, 15], [4, 7, 8, 10, 11, 13, 15], [4, 7, 8, 10, 11, 14], [4, 7, 8, 10, 11, 14, 15], [4, 7, 8, 10, 12, 13], [4, 7, 8, 10, 12, 13, 14], [4, 7, 8, 10, 12, 13, 14, 15], [4, 7, 8, 10, 12, 13, 15], [4, 7, 8, 10, 13], [4, 7, 8, 10, 13, 14], [4, 7, 8, 10, 13, 14, 15], [4, 7, 8, 10, 13, 15], [4, 7, 8, 10, 14], [4, 7, 8, 10, 14, 15], [4, 7, 8, 11, 12, 13], [4, 7, 8, 11, 12, 13, 14], [4, 7, 8, 11, 12, 13, 14, 15], [4, 7, 8, 11, 12, 13, 15], [4, 7, 8, 11, 12, 14], [4, 7, 8, 11, 12, 14, 15], [4, 7, 8, 11, 13], [4, 7, 8, 11, 13, 14], [4, 7, 8, 11, 13, 14, 15], [4, 7, 8, 11, 13, 15], [4, 7, 8, 11, 14], [4, 7, 8, 11, 14, 15], [4, 7, 8, 12, 13], [4, 7, 8, 12, 13, 14], [4, 7, 8, 12, 13, 14, 15], [4, 7, 8, 12, 13, 15], [4, 7, 8, 12, 14, 15], [4, 7, 8, 13], [4, 7, 8, 13, 14], [4, 7, 8, 13, 14, 15], [4, 7, 8, 14], [4, 7, 8, 14, 15], [4, 7, 9, 10, 11, 12,

13], [4, 7, 9, 10, 11, 12, 13, 14], [4, 7, 9, 10, 11, 12, 13, 14, 15] , [4, 7, 9, 10, 11, 12, 13, 15], [4, 7, 9, 10, 11, 13], [4, 7, 9, 10, 11, 13, 14], [4, 7, 9, 10, 11, 13, 14, 15], [4, 7, 9, 10, 11, 13, 15], [4, 7, 9, 10, 11, 14], [4, 7, 9, 10, 11, 14, 15], [4, 7, 9, 10, 12, 13, 14], [4, 7, 9, 10, 12, 13, 14, 15], [4, 7, 9, 10, 12, 13, 15], [4, 7, 9, 10, 13], [4, 7, 9, 10, 13, 14], [4, 7, 9, 10, 13, 14, 15], [4, 7, 9, 10, 13, 15], [4, 7, 9, 10, 14], [4, 7, 9, 10, 14, 15], [4, 7, 9, 11, 12, 13], [4, 7, 9, 11, 12, 13, 14], [4, 7, 9, 11, 12, 13, 14, 15], [4, 7, 9, 11, 12, 13, 15], [4, 7, 9, 11, 13, 14], [4, 7, 9, 11, 13, 14, 15], [4, 7, 9, 11, 13, 15], [4, 7, 9, 11, 14], [4, 7, 9, 11, 14, 15], [4, 7, 9, 12, 13, 14], [4, 7, 9, 12, 13, 14, 15], [4, 7, 9, 12, 13, 15], [4, 7, 9, 13, 14], [4, 7, 9, 13, 14, 15], [4, 7, 9, 13, 15], [4, 7, 9, 14], [4, 7, 9, 14, 15], [4, 7, 10, 11, 12, 13], [4, 7, 10, 11, 12, 13, 14], [4, 7, 10, 11, 12, 13, 14, 15], [4, 7, 10, 11, 12, 13, 15], [4, 7, 10, 11, 13], [4, 7, 10, 11, 13, 14], [4, 7, 10, 11, 13, 14, 15], [4, 7, 10, 11, 13, 15], [4, 7, 10, 11, 14], [4, 7, 10, 11, 14, 15], [4, 7, 10, 12, 13], [4, 7, 10, 12, 13, 14], [4, 7, 10, 12, 13, 14, 15], [4, 7, 10, 12, 13, 15], [4, 7, 10, 13], [4, 7, 10, 13, 14], [4, 7, 10, 13, 14, 15], [4, 7, 10, 13, 15], [4, 7, 10, 14], [4, 7, 10, 14, 15], [4, 7, 11, 12, 13], [4, 7, 11, 12, 13, 14], [4, 7, 11, 12, 13, 14, 15], [4, 7, 11, 12, 13, 15], [4, 7, 11, 12, 14, 15], [4, 7, 11, 13], [4, 7, 11, 13, 14], [4, 7, 11, 13, 14, 15], [4, 7, 11, 13, 15], [4, 7, 11, 14], [4, 7, 11, 14, 15], [4, 7, 12, 13], [4, 7, 12, 13, 14], [4, 7, 12, 13, 14, 15], [4, 7, 12, 13, 15], [4, 7, 13], [4, 7, 13, 14], [4, 7, 13, 14, 15], [4, 7, 13, 15], [4, 7, 14], [4, 7, 14, 15], [4, 8], [4, 8, 9], [4, 8, 9, 10], [4, 8, 9, 10, 11], [4, 8, 9, 10, 11, 12, 13], [4, 8, 9, 10, 11, 12, 13, 14], [4, 8, 9, 10, 11, 12, 13, 14, 15] , [4, 8, 9, 10, 11, 12, 13, 15], [4, 8, 9, 10, 11, 12, 14], [4, 8, 9, 10, 11, 12, 14, 15], [4, 8, 9, 10, 11, 13], [4, 8, 9, 10, 11, 13, 14, 15], [4, 8, 9, 10, 11, 13, 15], [4, 8, 9, 10, 11, 14], [4, 8, 9, 10, 11, 14, 15], [4, 8, 9, 10, 11, 15], [4, 8, 9, 10, 12, 13], [4, 8, 9, 10, 12, 13, 14], [4, 8, 9, 10, 12, 13, 14, 15], [4, 8, 9, 10, 12, 13, 15], [4, 8, 9, 10, 12, 14], [4,

8, 9, 10, 12, 14, 15], [4, 8, 9, 10, 13], [4, 8, 9, 10, 13, 14, 15], [4, 8, 9, 10, 13, 15], [4, 8, 9, 10, 14], [4, 8, 9, 10, 14, 15], [4, 8, 9, 10, 15], [4, 8, 9, 11], [4, 8, 9, 11, 12, 13], [4, 8, 9, 11, 12, 13, 14], [4, 8, 9, 11, 12, 13, 14, 15], [4, 8, 9, 11, 12, 13, 15], [4, 8, 9, 11, 12, 14], [4, 8, 9, 11, 12, 14, 15], [4, 8, 9, 11, 13, 15], [4, 8, 9, 11, 14], [4, 8, 9, 11, 14, 15], [4, 8, 9, 11, 15], [4, 8, 9, 12, 13], [4, 8, 9, 12, 13, 14], [4, 8, 9, 12, 13, 14, 15], [4, 8, 9, 12, 13, 15], [4, 8, 9, 12, 14], [4, 8, 9, 12, 14, 15], [4, 8, 9, 14], [4, 8, 9, 14, 15], [4, 8, 10], [4, 8, 10, 11], [4, 8, 10, 11, 12, 13], [4, 8, 10, 11, 12, 13, 14], [4, 8, 10, 11, 12, 13, 14, 15], [4, 8, 10, 11, 12, 13, 15], [4, 8, 10, 11, 12, 14], [4, 8, 10, 11, 12, 14, 15], [4, 8, 10, 11, 13], [4, 8, 10, 11, 13, 15], [4, 8, 10, 11, 14], [4, 8, 10, 11, 14, 15], [4, 8, 10, 11, 15], [4, 8, 10, 12, 13], [4, 8, 10, 12, 13, 14], [4, 8, 10, 12, 13, 14, 15], [4, 8, 10, 12, 13, 15], [4, 8, 10, 12, 14], [4, 8, 10, 12, 14, 15], [4, 8, 10, 13], [4, 8, 10, 13, 15], [4, 8, 10, 14], [4, 8, 10, 14, 15], [4, 8, 10, 15], [4, 8, 11], [4, 8, 11, 12, 13], [4, 8, 11, 12, 13, 14], [4, 8, 11, 12, 13, 14, 15], [4, 8, 11, 12, 13, 15], [4, 8, 11, 12, 14], [4, 8, 11, 12, 14, 15], [4, 8, 11, 13, 15], [4, 8, 11, 14], [4, 8, 11, 14, 15], [4, 8, 11, 15], [4, 8, 12, 13], [4, 8, 12, 13, 14], [4, 8, 12, 13, 14, 15], [4, 8, 12, 13, 15], [4, 8, 12, 14], [4, 8, 12, 14, 15], [4, 8, 13, 15], [4, 8, 14], [4, 8, 14, 15], [4, 9, 10, 11], [4, 9, 10, 11, 12, 13], [4, 9, 10, 11, 12, 13, 14], [4, 9, 10, 11, 12, 13, 14, 15], [4, 9, 10, 11, 12, 13, 15], [4, 9, 10, 11, 12, 14], [4, 9, 10, 11, 12, 14, 15], [4, 9, 10, 11, 13], [4, 9, 10, 11, 13, 14, 15], [4, 9, 10, 11, 13, 15], [4, 9, 10, 11, 14], [4, 9, 10, 11, 14, 15], [4, 9, 10, 11, 15], [4, 9, 10, 12, 13], [4, 9, 10, 12, 13, 14], [4, 9, 10, 12, 13, 14, 15], [4, 9, 10, 12, 13, 15], [4, 9, 10, 12, 14], [4, 9, 10, 12, 14, 15], [4, 9, 10, 13], [4, 9, 10, 13, 14, 15], [4, 9, 10, 13, 15], [4, 9, 10, 14], [4, 9, 10, 14, 15], [4, 9, 10, 15], [4, 9, 11], [4, 9, 11, 12, 13], [4, 9, 11, 12, 13, 14], [4, 9, 11, 12, 13, 14, 15], [4, 9, 11, 12, 13, 15], [4, 9, 11, 12, 14], [4, 9, 11, 12, 14, 15], [4, 9, 11, 13, 15], [4, 9, 11, 14], [4, 9, 11, 14, 15], [4, 9, 11, 15], [4, 9, 12, 13], [4, 9, 12, 13, 14], [4, 9, 12, 13, 14, 15], [4, 9, 12, 13, 15], [4, 9, 12, 14], [4, 9, 12, 14, 15], [4, 9, 13, 15], [4, 9, 14], [4, 9, 14, 15], [4, 9, 15], [4, 10], [4, 10, 11, 12, 13], [4, 10, 11, 12, 13, 14], [4, 10, 11, 12, 13, 14, 15], [4, 10, 11, 12, 13, 15], [4, 10, 11, 12, 14], [4, 10, 11, 12, 14, 15], [4, 10, 11, 13], [4, 10, 11, 13, 15], [4, 10, 11, 14], [4, 10, 11, 14, 15], [4, 10, 11, 15], [4, 10, 12, 13], [4, 10, 12, 13, 14], [4, 10, 12, 13, 14, 15], [4, 10, 12, 13, 15], [4, 10, 12, 14], [4, 10, 13], [4, 10, 13, 15], [4, 10, 14], [4, 10, 14, 15], [4, 10, 15], [4, 11], [4, 11, 12, 13], [4, 11, 12, 13, 14], [4, 11, 12, 13, 14, 15], [4, 11, 12, 13, 15], [4, 11, 12, 14], [4, 11, 12, 14, 15], [4, 11, 13, 15], [4, 11, 14], [4, 11, 14, 15], [4, 11, 15], [4, 12, 13], [4, 12, 13, 14], [4, 12, 13, 14, 15], [4, 12, 13, 15], [4, 12, 14], [4, 12, 14, 15], [4, 13, 15], [4, 14], [4, 14, 15], [4, 15],

[5, 6], [5, 6, 7], [5, 6, 7, 8], [5, 6, 7, 8, 9], [5, 6, 7, 8, 9, 10], [5, 6, 7, 8, 9, 10, 11], [5, 6, 7, 8, 9, 10, 11, 12, 13], [5, 6, 7, 8, 9, 10, 11, 12, 13, 14], [5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [5, 6, 7, 8, 9, 10, 11, 12, 13, 15], [5, 6, 7, 8, 9, 10, 11, 12, 14], [5, 6, 7, 8, 9, 10, 11, 12, 14, 15], [5, 6, 7, 8, 9, 10, 11, 13], [5, 6, 7, 8, 9, 10, 11, 13, 14], [5, 6, 7, 8, 9, 10, 11, 13, 14, 15], [5, 6, 7, 8, 9, 10, 11, 13, 15], [5, 6, 7, 8, 9, 10, 11, 14], [5, 6, 7, 8, 9, 10, 11, 14, 15], [5, 6, 7, 8, 9, 10, 11, 15], [5, 6, 7, 8, 9, 10, 12, 13], [5, 6, 7, 8, 9, 10, 12, 13, 14], [5, 6, 7, 8, 9, 10, 12, 13, 14, 15], [5, 6, 7, 8, 9, 10, 12, 13, 15], [5, 6, 7, 8, 9, 10, 12, 14], [5, 6, 7, 8, 9, 10, 12, 14, 15], [5, 6, 7, 8, 9, 10, 13], [5, 6, 7, 8, 9, 10, 13, 14], [5, 6, 7, 8, 9, 10, 13, 14, 15], [5, 6, 7, 8, 9, 10, 13, 15], [5, 6, 7, 8, 9, 10, 14], [5, 6, 7, 8, 9, 10, 14, 15], [5, 6, 7, 8, 9, 10, 15], [5, 6, 7, 8, 9, 11], [5, 6, 7, 8, 9, 11, 12, 13], [5, 6, 7, 8, 9, 11, 12, 13, 14], [5, 6, 7, 8, 9, 11, 12, 13, 14, 15], [5, 6, 7, 8, 9, 11, 12, 13, 15], [5, 6, 7, 8, 9, 11, 12, 14], [5, 6, 7, 8, 9, 11, 12, 14, 15], [5, 6, 7, 8, 9, 11, 13], [5, 6, 7, 8, 9, 11, 13, 14], [5, 6, 7, 8, 9, 11, 13, 14, 15], [5, 6, 7, 8, 9, 11, 13, 15], [5, 6, 7, 8, 9, 11, 14], [5, 6, 7, 8, 9, 11, 14, 15], [5, 6, 7, 8, 9, 11, 15], [5, 6, 7, 8, 9, 12, 13], [5, 6, 7, 8, 9, 12, 13, 14], [5, 6, 7, 8, 9, 12, 13, 14, 15], [5, 6, 7, 8, 9, 12, 13, 15], [5, 6, 7, 8, 9, 12, 14], [5, 6, 7, 8, 9, 12, 14, 15], [5, 6, 7, 8, 9, 13, 14], [5, 6, 7, 8, 9, 13, 14, 15], [5, 6, 7, 8, 9, 13, 15], [5, 6, 7, 8, 9, 14], [5, 6, 7, 8, 9, 14, 15], [5, 6, 7, 8, 9, 15], [5, 6, 7, 8, 10], [5, 6, 7, 8, 10, 11], [5, 6, 7, 8, 10, 11, 12, 13], [5, 6, 7, 8, 10, 11, 12, 13, 14], [5, 6, 7, 8, 10, 11, 12, 13, 14, 15], [5, 6, 7, 8, 10, 11, 12, 13, 15], [5, 6, 7, 8, 10, 11, 12, 14], [5, 6, 7, 8, 10, 11, 12, 14, 15], [5, 6, 7, 8, 10, 11, 13], [5, 6, 7, 8, 10, 11, 13, 14, 15], [5, 6, 7, 8, 10, 11, 13, 15], [5, 6, 7, 8, 10, 11, 14], [5, 6, 7, 8, 10, 11, 14, 15], [5, 6, 7, 8, 10, 11, 15], [5, 6, 7, 8, 10, 12, 13], [5, 6, 7, 8, 10, 12, 13, 14], [5, 6, 7, 8, 10, 12, 13, 14, 15], [5, 6, 7, 8, 10, 12, 13, 15], [5, 6, 7, 8, 10, 12, 14], [5, 6, 7, 8, 10, 12, 14, 15], [5, 6, 7, 8, 10, 13], [5, 6, 7, 8, 10, 13, 14, 15], [5, 6, 7, 8, 10, 13, 15], [5, 6, 7, 8, 10, 14], [5, 6, 7, 8, 10, 14, 15], [5, 6, 7, 8, 10, 15], [5, 6, 7, 8, 11], [5, 6, 7, 8, 11, 12, 13], [5, 6, 7, 8, 11, 12, 13, 14], [5, 6, 7, 8, 11, 12, 13, 14, 15], [5, 6, 7, 8, 11, 12, 13, 15], [5, 6, 7, 8, 11, 12, 14], [5, 6, 7, 8, 11, 12, 14, 15], [5, 6, 7, 8, 11, 13], [5, 6, 7, 8, 11, 13, 15], [5, 6, 7, 8, 11, 14], [5, 6, 7, 8, 11, 14, 15], [5, 6, 7, 8, 11, 15], [5, 6, 7, 8, 12, 13], [5, 6, 7, 8, 12, 13, 14], [5, 6, 7, 8, 12, 13, 14, 15], [5, 6, 7, 8, 12, 13, 15], [5, 6, 7, 8, 12, 14], [5, 6, 7, 8,

12, 14, 15], [5, 6, 7, 8, 13], [5, 6, 7, 8, 13, 15], [5, 6, 7, 8, 14], [5, 6, 7, 8, 14, 15], [5, 6, 7, 8, 15], [5, 6, 7, 9], [5, 6, 7, 9, 10], [5, 6, 7, 9, 10, 11], [5, 6, 7, 9, 10, 11, 12, 13], [5, 6, 7, 9, 10, 11, 12, 13, 14], [5, 6, 7, 9, 10, 11, 12, 13, 14, 15], [5, 6, 7, 9, 10, 11, 12, 13, 15], [5, 6, 7, 9, 10, 11, 12, 14], [5, 6, 7, 9, 10, 11, 12, 14, 15], [5, 6, 7, 9, 10, 11, 13], [5, 6, 7, 9, 10, 11, 13, 14], [5, 6, 7, 9, 10, 11, 13, 14, 15], [5, 6, 7, 9, 10, 11, 13, 15], [5, 6, 7, 9, 10, 11, 14], [5, 6, 7, 9, 10, 11, 14, 15], [5, 6, 7, 9, 10, 11, 15], [5, 6, 7, 9, 10, 12, 13], [5, 6, 7, 9, 10, 12, 13, 14], [5, 6, 7, 9, 10, 12, 13, 14, 15], [5, 6, 7, 9, 10, 12, 13, 15], [5, 6, 7, 9, 10, 12, 14], [5, 6, 7, 9, 10, 12, 14, 15], [5, 6, 7, 9, 10, 13], [5, 6, 7, 9, 10, 13, 14], [5, 6, 7, 9, 10, 13, 14, 15], [5, 6, 7, 9, 10, 13, 15], [5, 6, 7, 9, 10, 14], [5, 6, 7, 9, 10, 14, 15], [5, 6, 7, 9, 10, 15], [5, 6, 7, 9, 11], [5, 6, 7, 9, 11, 12, 13], [5, 6, 7, 9, 11, 12, 13, 14], [5, 6, 7, 9, 11, 12, 13, 14, 15], [5, 6, 7, 9, 11, 12, 13, 15], [5, 6, 7, 9, 11, 12, 14], [5, 6, 7, 9, 11, 12, 14, 15], [5, 6, 7, 9, 11, 13], [5, 6, 7, 9, 11, 13, 14], [5, 6, 7, 9, 11, 13, 14, 15], [5, 6, 7, 9, 11, 13, 15], [5, 6, 7, 9, 11, 14], [5, 6, 7, 9, 11, 14, 15], [5, 6, 7, 9, 11, 15], [5, 6, 7, 9, 12, 13], [5, 6, 7, 9, 12, 13, 14], [5, 6, 7, 9, 12, 13, 14, 15], [5, 6, 7, 9, 12, 13, 15], [5, 6, 7, 9, 12, 14], [5, 6, 7, 9, 12, 14, 15], [5, 6, 7, 9, 13], [5, 6, 7, 9, 13, 14], [5, 6, 7, 9, 13, 14, 15], [5, 6, 7, 9, 13, 15], [5, 6, 7, 9, 14], [5, 6, 7, 9, 14, 15], [5, 6, 7, 9, 15], [5, 6, 7, 10], [5, 6, 7, 10, 11, 12, 13], [5, 6, 7, 10, 11, 12, 13, 14], [5, 6, 7, 10, 11, 12, 13, 14, 15] , [5, 6, 7, 10, 11, 12, 13, 15], [5, 6, 7, 10, 11, 12, 14], [5, 6, 7, 10, 11, 12, 14, 15], [5, 6, 7, 10, 11, 13], [5, 6, 7, 10, 11, 13, 14, 15], [5, 6, 7, 10, 11, 13, 15], [5, 6, 7, 10, 11, 14], [5, 6, 7, 10, 11, 14, 15], [5, 6, 7, 10, 11, 15], [5, 6, 7, 10, 12, 13], [5, 6, 7, 10, 12, 13, 14], [5, 6, 7, 10, 12, 13, 14, 15], [5, 6, 7, 10, 12, 13, 15], [5, 6, 7, 10, 12, 14], [5, 6, 7, 10, 12, 14, 15], [5, 6, 7, 10, 13], [5, 6, 7, 10, 13, 14, 15], [5, 6, 7, 10, 13, 15], [5, 6, 7, 10, 14], [5, 6, 7, 10, 14, 15], [5, 6, 7, 10, 15], [5, 6, 7, 11], [5, 6, 7, 11, 12, 13], [5, 6, 7, 11, 12, 13, 14], [5, 6, 7, 11, 12, 13, 14, 15], [5, 6, 7, 11, 12, 13, 15], [5, 6, 7, 11, 12, 14], [5, 6, 7, 11, 12, 14, 15], [5, 6, 7, 11, 13], [5, 6, 7, 11, 13, 15], [5, 6, 7, 11, 14], [5, 6, 7, 11, 14, 15], [5, 6, 7, 11, 15], [5, 6, 7, 12, 13], [5, 6, 7, 12, 13, 14], [5, 6, 7, 12, 13, 14, 15], [5, 6, 7, 12, 13, 15], [5, 6, 7, 12, 14], [5, 6, 7, 12, 14, 15], [5, 6, 7, 13], [5, 6, 7, 13, 15], [5, 6, 7, 14], [5, 6, 7, 14, 15], [5, 6, 7, 15], [5, 6, 8], [5, 6, 8, 9], [5, 6, 8, 9, 10], [5, 6, 8, 9, 10, 11], [5, 6, 8, 9, 10, 11, 12], [5, 6, 8, 9, 10, 11, 12, 13], [5, 6, 8, 9, 10, 11, 12, 13, 14], [5, 6, 8, 9, 10, 11, 12, 13, 14, 15], [5, 6, 8, 9, 10, 11, 12, 13, 15], [5, 6, 8, 9, 10, 11, 12, 14], [5, 6, 8, 9, 10, 11, 12, 14, 15], [5, 6, 8, 9, 10, 11, 12, 15], [5, 6, 8, 9, 10, 11, 13, 15], [5, 6, 8, 9, 10, 11, 14], [5, 6, 8, 9, 10, 11, 14, 15], [5, 6, 8, 9, 10, 11, 15], [5, 6, 8, 9, 10, 12], [5, 6, 8, 9, 10, 12, 13], [5, 6, 8, 9, 10, 12, 13, 14], [5, 6, 8, 9, 10, 12, 13, 14, 15], [5, 6, 8, 9, 10, 12, 13, 15], [5, 6, 8, 9, 10, 12, 14], [5, 6, 8, 9, 10, 12, 14, 15], [5, 6, 8, 9, 10, 12, 15], [5, 6, 8, 9, 10, 13, 15], [5, 6, 8, 9, 10, 14], [5, 6, 8, 9, 10, 14, 15], [5, 6, 8, 9, 10, 15], [5, 6, 8, 9, 11], [5, 6, 8, 9, 11, 12], [5, 6, 8, 9, 11, 12, 13], [5, 6, 8, 9, 11, 12, 13, 14], [5, 6, 8, 9, 11, 12, 13, 14, 15], [5, 6, 8, 9, 11, 12, 13, 15], [5, 6, 8, 9, 11, 12, 14], [5, 6, 8, 9, 11, 12, 14, 15], [5, 6, 8, 9, 11, 12, 15], [5, 6, 8, 9, 11, 14], [5, 6, 8, 9, 11, 14, 15], [5, 6, 8, 9, 11, 15], [5, 6, 8, 9, 12], [5, 6, 8, 9, 12, 13], [5, 6, 8, 9, 12, 13, 14], [5, 6, 8, 9, 12, 13, 14, 15], [5, 6, 8, 9, 12, 13, 15], [5, 6, 8, 9, 12, 14], [5, 6, 8, 9, 12, 14, 15], [5, 6, 8, 9, 12, 15], [5, 6, 8, 9, 14], [5, 6, 8, 9, 14, 15], [5, 6, 8, 9, 15], [5, 6, 8, 10], [5, 6, 8, 10, 11], [5, 6, 8, 10, 11, 12], [5, 6, 8, 10, 11, 12, 13], [5, 6, 8, 10, 11, 12, 13, 14, 15], [5, 6, 8, 10, 11, 12, 13, 15], [5, 6, 8, 10, 11, 12, 14], [5, 6, 8, 10, 11, 12, 14, 15], [5, 6, 8, 10, 11, 12, 15], [5, 6, 8, 10, 11, 14, 15], [5, 6, 8, 10, 11, 15], [5, 6, 8, 10, 12], [5, 6, 8, 10, 12, 13], [5, 6, 8, 10, 12, 13, 14, 15], [5, 6, 8, 10, 12, 13, 15], [5, 6, 8, 10, 12, 14], [5, 6, 8, 10, 12, 14, 15], [5, 6, 8, 10, 12, 15], [5, 6, 8, 10, 14, 15], [5, 6, 8, 10, 15], [5, 6, 8, 11], [5, 6, 8, 11, 12], [5, 6, 8, 11, 12, 13], [5, 6, 8, 11, 12, 13, 15], [5, 6, 8, 11, 12, 14], [5, 6, 8, 11, 12, 14, 15], [5, 6, 8, 11, 12, 15], [5, 6, 8, 11, 14, 15], [5, 6, 8, 11, 15], [5, 6, 8, 12], [5, 6, 8, 12, 13], [5, 6, 8, 12, 13, 15], [5, 6, 8, 12, 14], [5, 6, 8, 12, 14, 15], [5, 6, 8, 12, 15], [5, 6, 8, 15], [5, 6, 9], [5, 6, 9, 10], [5, 6, 9, 10, 11, 12, 13], [5, 6, 9, 10, 11, 12, 13, 14], [5, 6, 9, 10, 11, 12, 13, 14, 15] , [5, 6, 9, 10, 11, 12, 13, 15], [5, 6, 9, 10, 11, 12, 14], [5, 6, 9, 10, 11, 12, 14, 15], [5, 6, 9, 10, 11, 12, 15], [5, 6, 9, 10, 11, 13, 15], [5, 6, 9, 10, 11, 14], [5, 6, 9, 10, 11, 14, 15], [5, 6, 9, 10, 11, 15], [5, 6, 9, 10, 12], [5, 6, 9, 10, 12, 13], [5, 6, 9, 10, 12, 13, 14], [5, 6, 9, 10, 12, 13, 14, 15], [5, 6, 9, 10, 12, 13, 15], [5, 6, 9, 10, 12, 14], [5, 6, 9, 10, 12, 14, 15], [5, 6, 9, 10, 12, 15], [5, 6, 9, 10, 13, 15], [5, 6, 9, 10, 14], [5, 6, 9, 10, 14, 15], [5, 6, 9, 10, 15], [5, 6, 9, 11, 12], [5, 6, 9, 11, 12, 13], [5, 6, 9, 11, 12, 13, 14], [5, 6, 9, 11, 12, 13, 14, 15], [5, 6, 9, 11, 12, 13, 15], [5, 6, 9, 11, 12, 14], [5, 6, 9, 11, 12, 14, 15], [5, 6, 9, 11, 12, 15], [5, 6, 9, 11, 14], [5, 6, 9, 11, 14, 15], [5, 6, 9, 11, 15], [5, 6, 9, 12], [5, 6, 9, 12, 13], [5, 6, 9, 12, 13, 14], [5, 6, 9, 12, 13, 14, 15], [5, 6, 9, 12, 13, 15], [5, 6, 9, 12, 14], [5, 6, 9, 12, 14, 15], [5, 6, 9, 12, 15], [5, 6, 9, 14], [5, 6, 9, 14, 15], [5, 6, 9, 15], [5, 6, 10, 11, 12, 13], [5, 6, 10, 11, 12, 13, 14, 15], [5, 6, 10, 11, 12, 13, 15], [5, 6, 10, 11, 12, 14, 15], [5, 6, 10, 11, 14, 15], [5, 6, 10, 11, 15], [5, 6, 10, 12], [5, 6, 10, 12, 13], [5, 6, 10, 12, 13, 14, 15], [5, 6, 10, 12, 13, 15], [5, 6, 10, 12, 14], [5, 6, 10, 14, 15], [5, 6, 10, 15], [5, 6, 11, 12, 13], [5, 6, 11, 12, 13, 15], [5, 6, 11, 12, 14, 15], [5, 6, 11, 12, 15], [5, 6, 11, 15], [5, 6, 12], [5, 6, 12, 13], [5, 6, 12, 13, 15], [5, 6, 12, 14], [5, 6, 12, 14, 15], [5, 6, 12, 15], [5, 6, 15], [5, 7], [5, 7, 8], [5, 7, 8, 9], [5, 7, 8, 9, 10], [5, 7, 8, 9, 10, 11], [5, 7, 8, 9, 10, 11, 12, 13], [5, 7, 8, 9, 10, 11, 12, 13, 14], [5, 7, 8, 9, 10, 11, 12, 13, 14, 15], [5, 7, 8, 9, 10, 11, 12, 13, 15], [5, 7, 8, 9, 10, 11, 12, 14], [5, 7, 8, 9, 10, 11, 12, 14, 15], [5, 7, 8, 9, 10, 11, 13], [5, 7, 8, 9, 10, 11, 13, 14], [5, 7, 8, 9, 10, 11, 13, 14, 15], [5, 7, 8, 9, 10, 11, 13, 15], [5, 7, 8, 9, 10, 11, 14], [5, 7, 8, 9, 10, 11, 14, 15], [5, 7, 8, 9, 10, 11, 15], [5, 7, 8, 9, 10, 12, 13], [5, 7, 8, 9, 10, 12, 13, 14], [5, 7, 8, 9, 10, 12, 13, 14, 15], [5, 7, 8, 9, 10, 12, 13, 15], [5, 7, 8, 9, 10, 12, 14], [5, 7, 8, 9, 10, 12, 14, 15], [5, 7, 8, 9, 10, 13], [5, 7, 8, 9, 10, 13, 14], [5, 7, 8, 9, 10, 13, 14, 15], [5, 7, 8, 9, 10, 13, 15], [5, 7, 8, 9, 10, 14], [5, 7, 8, 9, 10, 14, 15], [5, 7, 8, 9, 10, 15], [5, 7, 8, 9, 11], [5, 7, 8, 9, 11, 12, 13], [5, 7, 8, 9, 11, 12, 13, 14], [5, 7, 8, 9, 11, 12, 13, 14, 15], [5, 7, 8, 9, 11, 12, 13, 15], [5, 7, 8, 9, 11, 12, 14], [5, 7, 8, 9, 11, 12, 14, 15], [5, 7, 8, 9, 11, 13, 14, 15], [5, 7, 8, 9, 11, 13, 15], [5, 7, 8, 9, 11, 14], [5, 7, 8, 9, 11, 14, 15], [5, 7, 8, 9, 11, 15], [5, 7, 8, 9, 12, 13], [5, 7, 8, 9, 12, 13, 14], [5, 7, 8, 9, 12, 13, 14, 15], [5, 7, 8, 9, 12, 13, 15], [5, 7, 8, 9, 12, 14], [5, 7, 8, 9, 12, 14, 15], [5, 7, 8, 9, 13, 14, 15], [5, 7, 8, 9, 13, 15], [5, 7, 8, 9, 14], [5, 7, 8, 9, 14, 15], [5, 7, 8, 9, 15], [5, 7, 8, 10], [5, 7, 8, 10, 11], [5, 7, 8, 10, 11, 12, 13], [5, 7, 8, 10, 11, 12, 13, 14], [5, 7, 8, 10, 11, 12, 13, 14, 15], [5, 7, 8, 10, 11, 12, 13, 15], [5, 7, 8, 10, 11, 12, 14], [5, 7, 8, 10, 11, 12, 14, 15], [5, 7, 8, 10, 11, 13], [5, 7, 8, 10, 11, 13, 15], [5, 7, 8, 10, 11, 14], [5, 7, 8, 10, 11, 14, 15], [5, 7, 8, 10, 11, 15], [5, 7, 8, 10, 12, 13], [5, 7, 8, 10, 12, 13, 14], [5, 7, 8, 10, 12, 13, 14, 15], [5, 7, 8, 10, 12, 13, 15], [5, 7, 8, 10, 12, 14], [5, 7, 8, 10, 12, 14, 15], [5, 7, 8, 10, 13], [5, 7, 8, 10, 13, 15], [5, 7, 8, 10, 14], [5, 7, 8, 10, 14, 15], [5, 7, 8, 10, 15], [5, 7, 8, 11], [5, 7, 8, 11, 12, 13], [5, 7, 8, 11, 12, 13, 14], [5, 7, 8, 11, 12, 13, 14, 15], [5, 7, 8, 11, 12, 13, 15], [5, 7, 8, 11, 12, 14], [5, 7, 8, 11, 12, 14, 15], [5, 7, 8, 11, 13], [5, 7, 8, 11, 13, 15], [5, 7, 8, 11, 14], [5, 7, 8, 11, 14, 15], [5, 7, 8, 11, 15], [5, 7, 8, 12, 13], [5, 7, 8, 12, 13, 14], [5, 7, 8, 12, 13, 14, 15], [5, 7, 8, 12, 13, 15], [5, 7, 8, 12, 14], [5, 7, 8, 12, 14, 15], [5, 7, 8, 13], [5, 7, 8, 13, 15], [5, 7, 8, 14], [5, 7, 8, 14, 15], [5, 7, 8, 15], [5, 7, 9], [5, 7, 9, 10], [5, 7, 9, 10, 11], [5, 7, 9, 10, 11, 12, 13], [5, 7, 9, 10, 11, 12, 13, 14], [5, 7, 9, 10, 11, 12, 13, 14, 15] , [5, 7, 9, 10, 11, 12, 13, 15], [5, 7, 9, 10, 11, 12, 14], [5, 7, 9, 10, 11, 12, 14, 15], [5, 7, 9, 10, 11, 13], [5, 7, 9, 10, 11, 13, 14], [5, 7, 9, 10, 11, 13, 14, 15], [5, 7, 9, 10, 11, 13, 15], [5, 7, 9, 10, 11, 14], [5, 7, 9, 10, 11, 14, 15], [5, 7, 9, 10, 11, 15], [5, 7, 9, 10, 12, 13], [5, 7, 9, 10, 12, 13, 14], [5, 7, 9, 10, 12, 13, 14, 15], [5, 7, 9, 10, 12, 13, 15], [5, 7, 9, 10, 12, 14], [5, 7, 9, 10, 12, 14, 15], [5, 7, 9, 10, 13], [5, 7, 9, 10, 13, 14], [5, 7, 9, 10, 13, 14, 15], [5, 7, 9, 10, 13, 15], [5, 7, 9, 10, 14], [5, 7, 9, 10, 14, 15], [5, 7, 9, 10, 15], [5, 7, 9, 11], [5, 7, 9, 11, 12, 13], [5, 7, 9, 11, 12, 13, 14], [5, 7, 9, 11, 12, 13, 14, 15], [5, 7, 9, 11, 12, 13, 15], [5, 7, 9, 11, 12, 14], [5, 7, 9, 11, 12, 14, 15], [5, 7, 9, 11, 13, 14, 15], [5, 7, 9, 11, 13, 15], [5, 7, 9, 11, 14], [5, 7, 9, 11, 14, 15], [5, 7, 9, 11, 15], [5, 7, 9, 12, 13], [5, 7, 9, 12, 13, 14], [5, 7, 9, 12, 13, 14, 15], [5, 7, 9, 12, 13, 15], [5, 7, 9, 12, 14], [5, 7, 9, 12, 14, 15], [5, 7, 9, 13, 14, 15], [5, 7, 9, 13, 15], [5, 7, 9, 14], [5, 7, 9, 14, 15], [5, 7, 9, 15], [5, 7, 10], [5, 7, 10, 11], [5, 7, 10, 11, 12, 13], [5, 7, 10, 11, 12, 13, 14], [5, 7, 10, 11, 12, 13, 14, 15], [5, 7, 10, 11, 12, 13, 15], [5, 7, 10, 11, 12, 14], [5, 7, 10, 11, 12, 14, 15], [5, 7, 10, 11, 13], [5, 7, 10, 11, 13, 15], [5, 7, 10, 11, 14], [5, 7, 10, 11, 14, 15], [5, 7, 10, 11, 15], [5, 7, 10, 12, 13], [5, 7, 10, 12, 13, 14], [5, 7, 10, 12, 13, 14, 15], [5, 7, 10, 12, 13, 15], [5, 7, 10, 12, 14], [5, 7, 10, 12, 14, 15], [5, 7, 10, 13], [5, 7, 10, 13, 15], [5, 7, 10, 14], [5, 7, 10, 14, 15], [5, 7, 10, 15], [5, 7, 11], [5, 7, 11, 12, 13], [5, 7, 11, 12, 13, 14], [5, 7, 11, 12, 13, 14, 15], [5, 7, 11, 12, 13, 15], [5, 7, 11, 12, 14], [5, 7, 11, 12, 14, 15], [5, 7, 11, 13], [5, 7, 11, 13, 15], [5, 7, 11, 14], [5, 7, 11, 14, 15], [5, 7, 11, 15], [5, 7, 12, 13], [5, 7, 12, 13, 14], [5, 7, 12, 13, 14, 15], [5, 7, 12, 13, 15], [5, 7, 12, 14], [5, 7, 12, 14, 15], [5, 7, 13], [5, 7, 13, 15], [5, 7, 14], [5, 7, 14, 15], [5, 7, 15], [5, 8], [5, 8, 9], [5, 8, 9, 10], [5, 8, 9, 10, 11], [5, 8, 9, 10, 11, 12],

[5, 8, 9, 10, 11, 12, 13], [5, 8, 9, 10, 11, 12, 13, 14], [5, 8, 9, 10, 11, 12, 13, 14, 15], [5, 8, 9, 10, 11, 12, 13, 15], [5, 8, 9, 10, 11, 12, 14], [5, 8, 9, 10, 11, 12, 14, 15], [5, 8, 9, 10, 11, 12, 15], [5, 8, 9, 10, 11, 14], [5, 8, 9, 10, 11, 14, 15], [5, 8, 9, 10, 11, 15], [5, 8, 9, 10, 12], [5, 8, 9, 10, 12, 13], [5, 8, 9, 10, 12, 13, 14], [5, 8, 9, 10, 12, 13, 14, 15], [5, 8, 9, 10, 12, 13, 15], [5, 8, 9, 10, 12, 14], [5, 8, 9, 10, 12, 14, 15], [5, 8, 9, 10, 12, 15], [5, 8, 9, 10, 14], [5, 8, 9, 10, 14, 15], [5, 8, 9, 10, 15], [5, 8, 9, 11], [5, 8, 9, 11, 12], [5, 8, 9, 11, 12, 13], [5, 8, 9, 11, 12, 13, 14, 15], [5, 8, 9, 11, 12, 13, 15], [5, 8, 9, 11, 12, 14], [5, 8, 9, 11, 12, 14, 15], [5, 8, 9, 11, 12, 15], [5, 8, 9, 11, 14, 15], [5, 8, 9, 11, 15], [5, 8, 9, 12], [5, 8, 9, 12, 13], [5, 8, 9, 12, 13, 14, 15], [5, 8, 9, 12, 13, 15], [5, 8, 9, 12, 14], [5, 8, 9, 12, 14, 15], [5, 8, 9, 12, 15], [5, 8, 9, 14, 15], [5, 8, 9, 15], [5, 8, 10], [5, 8, 10, 11], [5, 8, 10, 11, 12], [5, 8, 10, 11, 12, 13], [5, 8, 10, 11, 12, 13, 15], [5, 8, 10, 11, 12, 14], [5, 8, 10, 11, 12, 14, 15], [5, 8, 10, 11, 12, 15], [5, 8, 10, 11, 14, 15], [5, 8, 10, 11, 15], [5, 8, 10, 12], [5, 8, 10, 12, 13], [5, 8, 10, 12, 13, 15], [5, 8, 10, 12, 14], [5, 8, 10, 12, 14, 15], [5, 8, 10, 12, 15], [5, 8, 10, 14, 15], [5, 8, 10, 15], [5, 8, 11], [5, 8, 11, 12], [5, 8, 11, 12, 13], [5, 8, 11, 12, 13, 15], [5, 8, 11, 12, 14], [5, 8, 11, 12, 14, 15], [5, 8, 11, 12, 15], [5, 8, 11, 15], [5, 8, 12], [5, 8, 12, 13], [5, 8, 12, 13, 15], [5, 8, 12, 14], [5, 8, 12, 14, 15], [5, 8, 12, 15], [5, 8, 15], [5, 9], [5, 9, 10], [5, 9, 10, 11], [5, 9, 10, 11, 12], [5, 9, 10, 11, 12, 13], [5, 9, 10, 11, 12, 13, 14], [5, 9, 10, 11, 12, 13, 14, 15], [5, 9, 10, 11, 12, 13, 15], [5, 9, 10, 11, 12, 14], [5, 9, 10, 11, 12, 14, 15], [5, 9, 10, 11, 12, 15], [5, 9, 10, 11, 14], [5, 9, 10, 11, 14, 15], [5, 9, 10, 11, 15], [5, 9, 10, 12], [5, 9, 10, 12, 13], [5, 9, 10, 12, 13, 14], [5, 9, 10, 12, 13, 14, 15], [5, 9, 10, 12, 13, 15], [5, 9, 10, 12, 14], [5, 9, 10, 12, 14, 15], [5, 9, 10, 12, 15], [5, 9, 10, 14], [5, 9, 10, 14, 15], [5, 9, 10, 15], [5, 9, 11], [5, 9, 11, 12], [5, 9, 11, 12, 13], [5, 9, 11, 12, 13, 14, 15], [5, 9, 11, 12, 13, 15], [5, 9, 11, 12, 14], [5, 9, 11, 12, 14, 15], [5, 9, 11, 12, 15], [5, 9, 11, 14, 15], [5, 9, 11, 15], [5, 9, 12], [5, 9, 12, 13], [5, 9, 12, 13, 14, 15], [5, 9, 12, 13, 15], [5, 9, 12, 14], [5, 9, 12, 14, 15], [5, 9, 12, 15], [5, 9, 14, 15], [5, 9, 15], [5, 10], [5, 10, 11, 12, 13], [5, 10, 11, 12, 13, 15], [5, 10, 11, 12, 14], [5, 10, 11, 12, 14, 15], [5, 10, 11, 12, 15], [5, 10, 11, 14, 15], [5, 10, 11, 15], [5, 10, 12], [5, 10, 12, 13], [5, 10, 12, 13, 15], [5, 10, 12, 14], [5, 10, 14, 15], [5, 10, 15], [5, 11, 12, 13],

[5, 11, 12, 13, 15], [5, 11, 12, 14], [5, 11, 12, 14, 15], [5, 11, 12, 15], [5, 11, 15], [5, 12], [5, 12, 13], [5, 12, 13, 15], [5, 12, 14], [5, 12, 14, 15], [5, 12, 15], [5, 15], [6], [6, 7, 8, 9, 10, 11, 12, 13], [6, 7, 8, 9, 10, 11, 12, 13, 14], [6, 7, 8, 9, 10, 11, 12, 13, 14, 15], [6, 7, 8, 9, 10, 11, 12, 13, 15], [6, 7, 8, 9, 10, 11, 12, 14], [6, 7, 8, 9, 10, 11, 12, 14, 15], [6, 7, 8, 9, 10, 11, 13], [6, 7, 8, 9, 10, 11, 13, 14], [6, 7, 8, 9, 10, 11, 13, 14, 15], [6, 7, 8, 9, 10, 11, 13, 15], [6, 7, 8, 9, 10, 11, 14], [6, 7, 8, 9, 10, 11, 14, 15], [6, 7, 8, 9, 10, 11, 15], [6, 7, 8, 9, 10, 12, 13], [6, 7, 8, 9, 10, 12, 13, 14], [6, 7, 8, 9, 10, 12, 13, 14, 15], [6, 7, 8, 9, 10, 12, 13, 15], [6, 7, 8, 9, 10, 12, 14, 15], [6, 7, 8, 9, 10, 13], [6, 7, 8, 9, 10, 13, 14], [6, 7, 8, 9, 10, 13, 14, 15], [6, 7, 8, 9, 10, 13, 15], [6, 7, 8, 9, 10, 14], [6, 7, 8, 9, 10, 14, 15], [6, 7, 8, 9, 11, 12, 13], [6, 7, 8, 9, 11, 12, 13, 14], [6, 7, 8, 9, 11, 12, 13, 14, 15], [6, 7, 8, 9, 11, 12, 13, 15], [6, 7, 8, 9, 11, 12, 14], [6, 7, 8, 9, 11, 12, 14, 15], [6, 7, 8, 9, 11, 13], [6, 7, 8, 9, 11, 13, 14], [6, 7, 8, 9, 11, 13, 14, 15], [6, 7, 8, 9, 11, 13, 15], [6, 7, 8, 9, 11, 14], [6, 7, 8, 9, 11, 14, 15], [6, 7, 8, 9, 11, 15], [6, 7, 8, 9, 12, 13], [6, 7, 8, 9, 12, 13, 14], [6, 7, 8, 9, 12, 13, 14, 15], [6, 7, 8, 9, 12, 13, 15], [6, 7, 8, 9, 12, 14, 15], [6, 7, 8, 9, 13, 14], [6, 7, 8, 9, 13, 14, 15], [6, 7, 8, 9, 13, 15], [6, 7, 8, 9, 14], [6, 7, 8, 9, 14, 15], [6, 7, 8, 10, 11], [6, 7, 8, 10, 11, 12, 13], [6, 7, 8, 10, 11, 12, 13, 14], [6, 7, 8, 10, 11, 12, 13, 14, 15], [6, 7, 8, 10, 11, 12, 13, 15], [6, 7, 8, 10, 11, 12, 14], [6, 7, 8, 10, 11, 12, 14, 15], [6, 7, 8, 10, 11, 13], [6, 7, 8, 10, 11, 13, 14], [6, 7, 8, 10, 11, 13, 14, 15], [6, 7, 8, 10, 11, 13, 15], [6, 7, 8, 10, 11, 14], [6, 7, 8, 10, 11, 14, 15], [6, 7, 8, 10, 11, 15], [6, 7, 8, 10, 12, 13], [6, 7, 8, 10, 12, 13, 14], [6, 7, 8, 10, 12, 13, 14, 15], [6, 7, 8, 10, 12, 13, 15], [6, 7, 8, 10, 12, 14], [6, 7, 8, 10, 12, 14, 15], [6, 7, 8, 10, 13], [6, 7, 8, 10, 13, 14], [6, 7, 8, 10, 13, 14, 15], [6, 7, 8, 10, 13, 15], [6, 7, 8, 10, 14], [6, 7, 8, 10, 14, 15], [6, 7, 8, 10, 15], [6, 7, 8, 11], [6, 7, 8, 11, 12, 13], [6, 7, 8, 11, 12, 13, 14], [6, 7, 8, 11, 12, 13, 14, 15], [6, 7, 8, 11, 12, 13, 15], [6, 7, 8, 11, 12, 14], [6, 7, 8, 11, 12, 14, 15], [6, 7, 8, 11, 13], [6, 7, 8, 11, 13, 14], [6, 7, 8, 11, 13, 14, 15], [6, 7, 8, 11, 13, 15], [6, 7, 8, 11, 14], [6, 7, 8, 11, 14, 15], [6, 7, 8, 11, 15], [6, 7, 8, 12, 13], [6, 7, 8, 12, 13, 14], [6, 7, 8, 12, 13, 14, 15], [6, 7, 8, 12, 13, 15], [6, 7, 8, 12, 14], [6, 7, 8, 12, 14, 15], [6, 7, 8, 13], [6, 7, 8, 13, 14], [6, 7, 8, 13, 14, 15], [6, 7, 8, 13, 15], [6, 7, 8, 14], [6, 7, 8, 14, 15], [6, 7, 8, 15], [6, 7, 9, 10, 11, 12, 13], [6, 7, 9, 10, 11, 12, 13, 14], [6, 7, 9, 10, 11, 12, 13, 14, 15] , [6, 7, 9, 10, 11, 12, 13, 15], [6, 7, 9, 10, 11, 12, 14, 15], [6, 7, 9, 10, 11, 13], [6, 7, 9, 10, 11, 13, 14], [6, 7, 9, 10, 11, 13, 14, 15], [6, 7, 9, 10, 11, 13, 15], [6, 7, 9, 10, 11, 14], [6, 7, 9, 10, 11, 14, 15], [6, 7, 9, 10, 12, 13], [6, 7, 9, 10, 12, 13, 14], [6, 7, 9, 10, 12, 13, 14, 15], [6, 7, 9, 10, 12, 13, 15], [6, 7, 9, 10, 13], [6, 7, 9, 10, 13, 14], [6, 7, 9, 10, 13, 14, 15], [6, 7, 9, 10, 13, 15], [6, 7, 9, 10, 14], [6, 7, 9, 10, 14, 15], [6, 7, 9, 11, 12, 13], [6, 7, 9, 11, 12, 13, 14], [6, 7, 9, 11, 12, 13, 14, 15], [6, 7, 9, 11, 12, 13, 15], [6, 7, 9, 11, 12, 14, 15], [6, 7, 9, 11, 13], [6, 7, 9, 11, 13, 14], [6, 7, 9, 11, 13, 14, 15], [6, 7, 9, 11, 13, 15], [6, 7, 9, 11, 14], [6, 7, 9, 11, 14, 15], [6, 7, 9, 12, 13], [6, 7, 9, 12, 13, 14], [6, 7, 9, 12, 13, 14, 15], [6, 7, 9, 12, 13, 15], [6, 7, 9, 13], [6, 7, 9, 13, 14], [6, 7, 9, 13, 14, 15], [6, 7, 9, 13, 15], [6, 7, 9, 14], [6, 7, 9, 14, 15], [6, 7, 10, 11, 12, 13], [6, 7, 10, 11, 12, 13, 14], [6, 7, 10, 11, 12, 13, 14, 15], [6, 7, 10, 11, 12, 13, 15], [6, 7, 10, 11, 12, 14], [6, 7, 10, 11, 12, 14, 15], [6, 7, 10, 11, 13], [6, 7, 10, 11, 13, 14], [6, 7, 10, 11, 13, 14, 15], [6, 7, 10, 11, 13, 15], [6, 7, 10, 11, 14], [6, 7, 10, 11, 14, 15], [6, 7, 10, 11, 15], [6, 7, 10, 12, 13], [6, 7, 10, 12, 13, 14], [6, 7, 10, 12, 13, 14, 15], [6, 7, 10, 12, 13, 15], [6, 7, 10, 12, 14, 15], [6, 7, 10, 13], [6, 7, 10, 13, 14], [6, 7, 10, 13, 14, 15], [6, 7, 10, 13, 15], [6, 7, 10, 14], [6, 7, 10, 14, 15], [6, 7, 11, 12, 13], [6, 7, 11, 12, 13, 14], [6, 7, 11, 12, 13, 14, 15], [6, 7, 11, 12, 13, 15], [6, 7, 11, 12, 14], [6, 7, 11, 12, 14, 15], [6, 7, 11, 13], [6, 7, 11, 13, 14], [6, 7, 11, 13, 14, 15], [6, 7, 11, 13, 15], [6, 7, 11, 14], [6, 7, 11, 14, 15], [6, 7, 11, 15], [6, 7, 12, 13], [6, 7, 12, 13, 14], [6, 7, 12, 13, 14, 15], [6, 7, 12, 13, 15], [6, 7, 12, 14, 15], [6, 7, 13], [6, 7, 13, 14], [6, 7, 13, 14, 15], [6, 7, 13, 15], [6, 7, 14], [6, 7, 14, 15], [6, 8], [6, 8, 9], [6, 8, 9, 10], [6, 8, 9, 10, 11], [6, 8, 9, 10, 11, 12, 13], [6, 8, 9, 10, 11, 12, 13, 14], [6, 8, 9, 10, 11, 12, 13, 14, 15] , [6, 8, 9, 10, 11, 12, 13, 15], [6, 8, 9, 10, 11, 12, 14], [6, 8, 9, 10, 11, 12, 14, 15], [6, 8, 9, 10, 11, 12, 15], [6, 8, 9, 10, 11, 13], [6, 8, 9, 10, 11, 13, 15], [6, 8, 9, 10, 11, 14], [6, 8, 9, 10, 11, 14, 15], [6, 8, 9, 10, 11, 15], [6, 8, 9, 10, 12, 13], [6, 8, 9, 10, 12, 13, 14], [6, 8, 9, 10, 12, 13, 14, 15], [6, 8, 9, 10, 12, 13, 15], [6, 8, 9, 10, 12, 14], [6, 8, 9, 10, 12, 14, 15], [6, 8, 9, 10, 13], [6, 8, 9, 10, 13, 15], [6, 8, 9, 10, 14], [6, 8, 9, 10, 14, 15], [6, 8, 9, 10, 15], [6, 8, 9, 11], [6, 8, 9, 11, 12, 13], [6, 8, 9, 11, 12, 13, 14], [6, 8, 9, 11, 12, 13, 14, 15], [6, 8, 9, 11, 12, 13, 15], [

6, 8, 9, 11, 12, 14], [6, 8, 9, 11, 12, 14, 15], [6, 8, 9, 11, 12, 15], [6, 8, 9, 11, 13], [6, 8, 9, 11, 13, 15], [6, 8, 9, 11, 14], [6, 8, 9, 11, 14, 15], [6, 8, 9, 11, 15], [6, 8, 9, 12, 13], [6, 8, 9, 12, 13, 14], [6, 8, 9, 12, 13, 14, 15], [6, 8, 9, 12, 13, 15], [6, 8, 9, 12, 14], [6, 8, 9, 12, 14, 15], [6, 8, 9, 13], [6, 8, 9, 13, 15], [6, 8, 9, 14], [6, 8, 9, 14, 15], [6, 8, 9, 15], [6, 8, 10], [6, 8, 10, 11], [6, 8, 10, 11, 12], [6, 8, 10, 11, 12, 13], [6, 8, 10, 11, 12, 13, 14], [6, 8, 10, 11, 12, 13, 14, 15], [6, 8, 10, 11, 12, 13, 15], [6, 8, 10, 11, 12, 14], [6, 8, 10, 11, 12, 14, 15], [6, 8, 10, 11, 12, 15], [6, 8, 10, 11, 13, 15], [6, 8, 10, 11, 14], [6, 8, 10, 11, 14, 15], [6, 8, 10, 11, 15], [6, 8, 10, 12, 13], [6, 8, 10, 12, 13, 14], [6, 8, 10, 12, 13, 14, 15], [6, 8, 10, 12, 13, 15], [6, 8, 10, 12, 14], [6, 8, 10, 12, 14, 15], [6, 8, 10, 12, 15], [6, 8, 10, 13, 15], [6, 8, 10, 14], [6, 8, 10, 14, 15], [6, 8, 10, 15], [6, 8, 11], [6, 8, 11, 12], [6, 8, 11, 12, 13], [6, 8, 11, 12, 13, 14], [6, 8, 11, 12, 13, 14, 15], [6, 8, 11, 12, 13, 15], [6, 8, 11, 12, 14], [6, 8, 11, 12, 14, 15], [6, 8, 11, 12, 15], [6, 8, 11, 14], [6, 8, 11, 14, 15], [6, 8, 11, 15], [6, 8, 12, 13], [6, 8, 12, 13, 14], [6, 8, 12, 13, 14, 15], [6, 8, 12, 13, 15], [6, 8, 12, 14], [6, 8, 12, 14, 15], [6, 8, 12, 15], [6, 8, 14], [6, 8, 14, 15], [6, 8, 15], [6, 9], [6, 9, 10], [6, 9, 10, 11], [6, 9, 10, 11, 12, 13], [6, 9, 10, 11, 12, 13, 14], [6, 9, 10, 11, 12, 13, 14, 15], [6, 9, 10, 11, 12, 13, 15], [6, 9, 10, 11, 12, 14], [6, 9, 10, 11, 12, 14, 15], [6, 9, 10, 11, 13], [6, 9, 10, 11, 13, 15], [6, 9, 10, 11, 14], [6, 9, 10, 11, 14, 15], [6, 9, 10, 11, 15], [6, 9, 10, 12, 13], [6, 9, 10, 12, 13, 14], [6, 9, 10, 12, 13, 14, 15], [6, 9, 10, 12, 13, 15], [6, 9, 10, 12, 14], [6, 9, 10, 12, 14, 15], [6, 9, 10, 13], [6, 9, 10, 13, 15], [6, 9, 10, 14], [6, 9, 10, 14, 15], [6, 9, 10, 15], [6, 9, 11], [6, 9, 11, 12, 13], [6, 9, 11, 12, 13, 14], [6, 9, 11, 12, 13, 14, 15], [6, 9, 11, 12, 13, 15], [6, 9, 11, 12, 14], [6, 9, 11, 12, 14, 15], [6, 9, 11, 13], [6, 9, 11, 13, 15], [6, 9, 11, 14], [6, 9, 11, 14, 15], [6, 9, 11, 15], [6, 9, 12, 13], [6, 9, 12, 13, 14], [6, 9, 12, 13, 14, 15], [6, 9, 12, 13, 15], [6, 9, 12, 14], [6, 9, 12, 14, 15], [6, 9, 13, 15], [6, 9, 14], [6, 9, 14, 15], [6, 9, 15], [6, 10], [6, 10, 11, 12, 13], [6, 10, 11, 12, 13, 14], [6, 10, 11, 12, 13, 14, 15], [6, 10, 11, 12, 13, 15], [6, 10, 11, 12, 14], [6, 10, 11, 13, 15], [6, 10, 11, 14], [6, 10, 11, 14, 15], [6, 10, 11, 15], [6, 10, 12, 13], [6, 10, 12, 13, 14], [6, 10, 12, 13, 14, 15], [6, 10, 12, 13, 15], [6, 10, 12, 14], [6, 10, 13, 15], [6, 10, 14], [6, 10, 14, 15], [6, 11, 12, 13], [6, 11, 12, 13, 14], [6, 11, 12, 13, 14, 15], [6, 11, 12, 13, 15], [6, 11, 12, 14

], [6, 11, 12, 14, 15], [6, 11, 12, 15], [6, 11, 14], [6, 11, 14, 15], [6, 11, 15], [6, 12, 13], [6, 12, 13, 14], [6, 12, 13, 14, 15], [6, 12, 13, 15], [6, 12, 14], [6, 12, 14, 15], [6, 14], [6, 14, 15], [6, 15], [7, 8, 9, 10, 11, 12, 13], [7, 8, 9, 10, 11, 12, 13, 14], [7, 8, 9, 10, 11, 12, 13, 14, 15] , [7, 8, 9, 10, 11, 12, 13, 15], [7, 8, 9, 10, 11, 12, 14], [7, 8, 9, 10, 11, 12, 14, 15], [7, 8, 9, 10, 11, 13], [7, 8, 9, 10, 11, 13, 14], [7, 8, 9, 10, 11, 13, 14, 15], [7, 8, 9, 10, 11, 13, 15], [7, 8, 9, 10, 11, 14], [7, 8, 9, 10, 11, 14, 15], [7, 8, 9, 10, 11, 15], [7, 8, 9, 10, 12, 13], [7, 8, 9, 10, 12, 13, 14], [7, 8, 9, 10, 12, 13, 14, 15], [7, 8, 9, 10, 12, 13, 15], [7, 8, 9, 10, 12, 14], [7, 8, 9, 10, 12, 14, 15], [7, 8, 9, 10, 13], [7, 8, 9, 10, 13, 14], [7, 8, 9, 10, 13, 14, 15], [7, 8, 9, 10, 13, 15], [7, 8, 9, 10, 14], [7, 8, 9, 10, 14, 15], [7, 8, 9, 11], [7, 8, 9, 11, 12, 13], [7, 8, 9, 11, 12, 13, 14], [7, 8, 9, 11, 12, 13, 14, 15], [7, 8, 9, 11, 12, 13, 15], [7, 8, 9, 11, 12, 14], [7, 8, 9, 11, 12, 14, 15], [7, 8, 9, 11, 13, 14], [7, 8, 9, 11, 13, 14, 15], [7, 8, 9, 11, 13, 15], [7, 8, 9, 11, 14], [7, 8, 9, 11, 14, 15], [7, 8, 9, 11, 15], [7, 8, 9, 12, 13], [7, 8, 9, 12, 13, 14], [7, 8, 9, 12, 13, 14, 15], [7, 8, 9, 12, 14], [7, 8, 9, 12, 14, 15], [7, 8, 9, 13, 14], [7, 8, 9, 13, 14, 15], [7, 8, 9, 14], [7, 8, 9, 14, 15], [7, 8, 10, 11], [7, 8, 10, 11, 12, 13], [7, 8, 10, 11, 12, 13, 14], [7, 8, 10, 11, 12, 13, 14, 15], [7, 8, 10, 11, 12, 13, 15], [7, 8, 10, 11, 12, 14], [7, 8, 10, 11, 12, 14, 15], [7, 8, 10, 11, 13], [7, 8, 10, 11, 13, 14], [7, 8, 10, 11, 13, 14, 15], [7, 8, 10, 11, 13, 15], [7, 8, 10, 11, 14], [7, 8, 10, 11, 14, 15], [7, 8, 10, 11, 15], [7, 8, 10, 12, 13], [7, 8, 10, 12, 13, 14], [7, 8, 10, 12, 13, 14, 15], [7, 8, 10, 12, 13, 15], [7, 8, 10, 12, 14], [7, 8, 10, 12, 14, 15], [7, 8, 10, 13], [7, 8, 10, 13, 14], [7, 8, 10, 13, 14, 15], [7, 8, 10, 13, 15], [7, 8, 10, 14], [7, 8, 10, 14, 15], [7, 8, 10, 15], [7, 8, 11], [7, 8, 11, 12, 13], [7, 8, 11, 12, 13, 14], [7, 8, 11, 12, 13, 14, 15], [7, 8, 11, 12, 13, 15], [7, 8, 11, 12, 14], [7, 8, 11, 12, 14, 15], [7, 8, 11, 13], [7, 8, 11, 13, 14, 15], [7, 8, 11, 13, 15], [7, 8, 11, 14], [7, 8, 11, 14, 15], [7, 8, 11, 15], [7, 8, 12, 13], [7, 8, 12, 13, 14], [7, 8, 12, 13, 14, 15], [7, 8, 12, 13, 15], [7, 8, 12, 14], [7, 8, 12, 14, 15], [7, 8, 13], [7, 8, 13, 14, 15], [7, 8, 14], [7, 8, 14, 15], [7, 9, 10, 11, 12, 13], [7, 9, 10, 11, 12, 13, 14], [7, 9, 10, 11, 12, 13, 14, 15], [7, 9, 10, 11, 12, 13, 15], [7, 9, 10, 11, 12, 14], [7, 9, 10, 11, 12, 14, 15], [7, 9, 10, 11, 13], [7, 9, 10, 11, 13, 14], [7, 9, 10, 11, 13, 14, 15], [7, 9, 10, 11, 13, 15], [7, 9, 10, 11, 14], [7, 9, 10, 11, 14, 15], [7, 9, 10, 12, 13], [7, 9, 10, 12, 13, 14], [7, 9, 10, 12, 13, 14, 15], [7, 9, 10, 12, 13, 15], [7, 9, 10, 13], [7, 9, 10, 13, 14], [7, 9, 10, 13, 14, 15], [7, 9, 10, 13, 15], [7, 9, 10, 14], [7, 9, 10, 14, 15], [7, 9, 11, 12, 13], [7, 9, 11, 12, 13, 14], [7, 9, 11, 12, 13, 14, 15], [7, 9, 11, 12, 13, 15], [7, 9, 11, 12, 14], [7, 9, 11, 12, 14, 15], [7, 9, 11, 13, 14], [7, 9, 11, 13, 14, 15], [7, 9, 11, 13, 15], [7, 9, 11, 14], [7, 9, 11, 14, 15], [7, 9, 12, 13], [7, 9, 12, 13, 14], [7, 9, 12, 13, 14, 15], [7, 9, 12, 13, 15], [7, 9, 12, 14, 15], [7, 9, 13, 14], [7, 9, 13, 14, 15], [7, 9, 13, 15], [7, 9, 14], [7, 9, 14, 15], [7, 10, 11, 12, 13], [7, 10, 11, 12, 13, 14], [7, 10, 11, 12, 13, 14, 15], [7, 10, 11, 12, 13, 15], [7, 10, 11, 12, 14], [7, 10, 11, 12, 14, 15], [7, 10, 11, 13], [7, 10, 11, 13, 14], [7, 10, 11, 13, 14, 15], [7, 10, 11, 13, 15], [7, 10, 11, 14], [7, 10, 11, 14, 15], [7, 10, 11, 15], [7, 10, 12, 13], [7, 10, 12, 13, 14], [7, 10, 12, 13, 14, 15], [7, 10, 12, 13, 15], [7, 10, 12, 14, 15], [7, 10, 13], [7, 10, 13, 14], [7, 10, 13, 14, 15], [7, 10, 13, 15], [7, 10, 14], [7, 10, 14, 15], [7, 11, 12, 13], [7, 11, 12, 13, 14], [7, 11, 12, 13, 14, 15], [7, 11, 12, 13, 15], [7, 11, 12, 14], [7, 11, 12, 14, 15], [7, 11, 13], [7, 11, 13, 14, 15], [7, 11, 13, 15], [7, 11, 14], [7, 11, 14, 15], [7, 11, 15], [7, 12, 13], [7, 12, 13, 14], [7, 12, 13, 14, 15], [7, 12, 13, 15], [7, 12, 14], [7, 12, 14, 15], [7, 13], [7, 13, 14, 15], [7, 13, 15], [7, 14], [7, 14, 15], [8], [8, 9], [8, 9, 10], [8, 9, 10, 11], [8, 9, 10, 11, 12, 13], [8, 9, 10, 11, 12, 13, 14], [8, 9, 10, 11, 12, 13, 14, 15], [8, 9, 10, 11, 12, 13, 15], [8, 9, 10, 11, 12, 14], [8, 9, 10, 11, 12, 14, 15], [8, 9, 10, 11, 12, 15], [8, 9, 10, 11, 13], [8, 9, 10, 11, 13, 15], [8, 9, 10, 11, 14], [8, 9, 10, 11, 14, 15], [8, 9, 10, 11, 15], [8, 9, 10, 12, 13], [8, 9, 10, 12, 13, 14], [8, 9, 10, 12, 13, 14, 15], [8, 9, 10, 12, 13, 15], [8, 9, 10, 12, 14], [8, 9, 10, 12, 14, 15], [8, 9, 10, 13], [8, 9, 10, 13, 15], [8, 9, 10, 14], [8, 9, 10, 14, 15], [8, 9, 10, 15], [8, 9, 11], [8, 9, 11, 12], [8, 9, 11, 12, 13], [8, 9, 11, 12, 13, 14], [8, 9, 11, 12, 13, 14, 15], [8, 9, 11, 12, 13, 15], [8, 9, 11, 12, 14], [8, 9, 11, 12, 14, 15], [8, 9, 11, 12, 15], [8, 9, 11, 13, 15], [8, 9, 11, 14], [8, 9, 11, 14, 15], [8, 9, 11, 15], [8, 9, 12, 13], [8, 9, 12, 13, 14], [8, 9, 12, 13, 14, 15], [8, 9, 12, 13, 15], [8, 9, 12, 14], [8, 9, 12, 14, 15], [8, 9, 14], [8, 9, 14, 15], [8, 10], [8, 10, 11], [8, 10, 11, 12], [8, 10, 11, 12, 13], [8, 10, 11, 12, 13, 14], [8, 10, 11, 12, 13, 14, 15], [8, 10, 11, 12, 13, 15], [8, 10, 11, 12, 14], [8, 10, 11, 12, 14, 15], [8, 10, 11, 12, 15], [8, 10, 11, 13, 15], [8, 10, 11, 14], [8, 10, 11, 14, 15], [8, 10, 11, 15], [8, 10, 12, 13], [8, 10, 12, 13, 14], [8, 10,

12, 13, 14, 15], [8, 10, 12, 13, 15], [8, 10, 12, 14], [8, 10, 12, 14, 15], [8, 10, 12, 15], [8, 10,
14], [8, 10, 14, 15], [8, 10, 15], [8, 11], [8, 11, 12], [8, 11, 12, 13], [8, 11, 12, 13, 14, 15], [
8, 11, 12, 13, 15], [8, 11, 12, 14], [8, 11, 12, 14, 15], [8, 11, 12, 15], [8, 11, 14, 15], [8, 11,
15], [8, 12, 13], [8, 12, 13, 14, 15], [8, 12, 13, 15], [8, 12, 14], [8, 12, 14, 15], [8, 12, 15], [
8, 14, 15], [9], [9, 10], [9, 10, 11], [9, 10, 11, 12, 13], [9, 10, 11, 12, 13, 14], [9, 10, 11, 12,
13, 14, 15], [9, 10, 11, 12, 13, 15], [9, 10, 11, 12, 14], [9, 10, 11, 12, 14, 15], [9, 10, 11, 13], [
9, 10, 11, 13, 15], [9, 10, 11, 14], [9, 10, 11, 14, 15], [9, 10, 11, 15], [9, 10, 12, 13], [9, 10,
12, 13, 14], [9, 10, 12, 13, 14, 15], [9, 10, 12, 13, 15], [9, 10, 12, 14], [9, 10, 12, 14, 15], [9,
10, 13], [9, 10, 13, 15], [9, 10, 14], [9, 10, 14, 15], [9, 10, 15], [9, 11], [9, 11, 12, 13], [9,
11, 12, 13, 14], [9, 11, 12, 13, 14, 15], [9, 11, 12, 13, 15], [9, 11, 12, 14], [9, 11, 12, 14, 15], [
9, 11, 13, 15], [9, 11, 14], [9, 11, 14, 15], [9, 11, 15], [9, 12, 13], [9, 12, 13, 14], [9, 12, 13,
14, 15], [9, 12, 13, 15], [9, 12, 14], [9, 12, 14, 15], [9, 13, 15], [9, 14], [9, 14, 15], [9, 15],
[10], [10, 11, 12, 13], [10, 11, 12, 13, 14], [10, 11, 12, 13, 14, 15], [10, 11, 12, 13, 15], [10,
11, 12, 14], [10, 11, 14], [10, 11, 14, 15], [10, 11, 15], [10, 12, 13], [10, 12, 13, 14], [10, 12,
13, 14, 15], [10, 12, 13, 15], [10, 12, 14], [10, 14], [10, 14, 15], [11, 12, 13], [11, 12, 13, 14,
15], [11, 12, 13, 15], [11, 12, 14], [11, 12, 14, 15], [11, 12, 15], [11, 14, 15], [11, 15], [12,
13], [12, 13, 14, 15], [12, 13, 15], [12, 14], [12, 14, 15], [14, 15], [15]