HS.2

$5_{+}^{1+2} : [2^5]$	22176	$1a^{+} + 175a^{\pm} + 693a^{+} + 825a^{+} + 896ab +$ $1056a^{+} + 1386a^{-} + 1408a^{+} + 1750a^{-} +$ $1925a^{-} + 2520a^{\pm} + 2750a^{-} + 3200a^{-}$	15

Character Numbers: [1, 10, 11, 14, 19, 21, 22, 25, 26, 29, 31, 34, 35, 37, 39]

	S_1	S_2	S_3	S_4	S_5	S_6	S_7	S_8	S_9	S_{10}	S_{11}	S_{12}	S_{13}	S_{14}	S_{15}
χ_1	1	50	125	250	250	500	1000	1000	1000	2000	2000	2000	4000	4000	4000
χ_2	1	6	−7	118	30	60	−56	120	32	−112	−112	−112	128	128	−224
χ_3	1	−6	5	130	−30	−60	40	−120	−40	80	80	80	−160	−160	160
χ_4	1	14	−7	−2	30	12	72	−40	32	16	16	80	64	−128	−160
χ_5	1	6	13	−2	10	60	−56	−40	−8	48	−112	48	−32	−32	96
χ_6	1	9	8	−2	0	−18	37	45	−58	−34	−34	20	−16	2	40
χ_7	1	−6	13	−2	40	−18	−8	20	−8	96	26	−30	−116	52	−60
χ_8	1	14	13	−2	−10	−8	−8	0	72	−24	36	−60	−56	−8	40
χ_9	1	−1	−22	−2	10	32	7	−5	−8	−64	56	20	−116	52	40
χ_{10}	1	−2	−3	−2	−22	4	−40	56	8	32	32	64	−16	−64	−48
χ_{11}	1	−10	5	−2	−14	−4	40	−8	40	−16	−64	32	−32	64	−32
χ_{12}	1	−6	$3+6r5$	−2	$-2r5$	$12+4r5$	$12-4r5$	$-8r5$	$-8-8r5$	$-4-12r5$	$16+16r5$	$-40+8r5$	$44+4r5$	$-48+16r5$	$-40b5$
χ_{13}	1	−6	$3-6r5$	−2	$2r5$	$12-4r5$	$12+4r5$	$8r5$	$16b5$	$8+24b5$	$-32b5$	$-40-8r5$	$44-4r5$	$-48-16r5$	$20+20r5$
χ_{14}	1	−2	−3	−2	14	−32	−40	−16	8	−40	−4	28	56	8	24
χ_{15}	1	5	−10	−2	−14	−4	−5	−23	−20	44	−4	−28	28	64	−32

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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