Co_1

$2_+^{1+8}.O_8^+(2)$	46621575	1a + 299a + 17250a + 27300a + 80730a + 313950a + 644644a + 2816856a + 5494125a + 12432420a + 24794000a	11

Character Numbers: [1, 3, 6, 7, 10, 12, 16, 29, 32, 37, 46]

	S_1	S_2	S_3	S_4	S_5	S_6	S_7	S_8	S_9	S_{10}	S_{11}
χ_1	1	270	12600	34560	60480	491520	573440	2419200	4838400	12386304	25804800
χ_2	1	−135	3150	8640	−7560	−61440	89600	−302400	302400	774144	−806400
χ_3	1	75	1680	240	4788	−7680	14336	38640	55440	−53760	−53760
χ_4	1	63	180	3096	−1620	14592	10400	26280	−30240	39168	−61920
χ_5	1	−45	840	−720	−1260	7680	8960	−15120	5040	−32256	26880
χ_6	1	−27	−270	1296	1080	−2688	3200	−4320	−8640	−6912	17280
χ_7	1	45	450	360	1080	1920	−2560	−3600	0	2304	0
χ_8	1	−35	250	240	−360	−640	−800	800	0	−256	800
χ_9	1	21	114	−192	−72	−768	512	192	−2880	1536	1536
χ_{10}	1	15	−60	120	−180	0	−160	−120	1440	−1536	480
χ_{11}	1	−9	−36	−72	108	192	32	72	0	576	−864

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

6, 7, 8, 9, 10, 11], [2, 6, 7, 8, 9, 10, 11], [3, 4, 5, 6, 7, 8, 9, 10, 11], [3, 4, 6, 7, 8, 9, 10, 11], [3, 5, 6, 7, 8, 9, 10, 11], [3, 6, 7, 8, 9, 10, 11], [4, 5, 6, 7, 8, 9, 10, 11], [4, 6, 7, 8, 9, 10, 11], [5, 6, 7, 8, 9, 10, 11], [6, 7, 8, 9, 10, 11]