M

$2.BM$	97239461142009186000	1a + 196883a + 842609326a + 18538750076a + 36173193327999a + 1109944460516150a + 251098487132187500a + 47377503606648784400a + 49609712911192813665a	9

Character Numbers: [1, 2, 4, 5, 9, 14, 21, 34, 35]

	S_1	S_2	S_3	S_4	S_5
χ_1	1	27143910000	11707448673375	2031941058560000	9156 9524834304000
χ_2	1	2887650000	−249094652625	62147133440000	−4870719 40608000
χ_3	1	468855000	43747806375	3348961280000	−19026247680 000
χ_4	1	236547000	−7678186425	1090251008000	120196251648 00
χ_5	1	41967000	−749446425	55559168000	−273228595200
χ_6	1	13224600	618611175	5297868800	38198476800
χ_7	1	2693304	−33756345	−91334656	973209600
χ_8	1	70200	2168775	−14694400	−121651200
χ_9	1	−81000	−1913625	14336000	110592000

	S_6	S_7	S_8	S_9
χ_1	1102935324621312000	1254793905192960000	3043451344605570662 4	6435360526565376000 0
χ_2	11733354517248000	−6674435665920000	80942854909722624	−85576602746880000
χ_3	202389851664000	283334578560000	−369446834405376	−100644526080000
χ_4	37209562790400	−33800576832000	−142176425803776	125665005312000
χ_5	−288778089600	−419582592000	−275830603776	1202568192000
χ_6	−92343888000	76571827200	352155009024	−380511129600
χ_7	−457228800	2516811264	5350883328	−8261277696
χ_8	261273600	−307929600	−1086898176	1267660800
χ_9	−244944000	279936000	1003290624	−1161216000

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