

Table 6: Prime 2 Order 7

Group	A10	A11	J2	j3	M22	M23	Mcl	U4(3)
Prime	2	2	2	2	2	2	2	2
Multiplicity	7	7	7	7	7	7	7	7
#PIMs in Block	7	7	7	10	7	9	8	9
#PIMs diff. SR	7	7	7	10	7	9	8	9
Max Factors of PIMs	19	17	37	25	24	27	25	15
All PIMs same length	true	true	true	true	true	true	false	true
Max # diff. factors	16	14	34	22	21	24	22	12
PIMs diff by same #factors	true	true	true	true	true	true	false	false
Max diff #modules in factors	14	12	182	168	54	62	104	14
All factors diff same #modules	false	false	false	false	false	false	false	false

Table 7: Prime 2 Order 9

Group	A12	HS	S6(2)
Prime	2	2	2
Multiplicity	9	9	9
#PIMs in Block	14	6	7
#PIMs diff. SR	14	6	7
Max Factors of PIMs	25	37	43
All PIMs same length	true	true	true
Max # diff. factors	22	34	40
PIMs diff by same #factors	true	false	false
Max diff #modules in factors	236	125	307
All factors diff same #modules	false	false	false

Table 8: Prime 2 Order 10

Group	He	He	L5(2)	M24	2F4(2)'
Prime	2	2	2	2	2
Multiplicity	10	10	10	10	11
#PIMs in Block	11	3	15	13	3
#PIMs diff. SR	11	2	15	13	3
Max Factors of PIMs	49	5	25	65	40
All PIMs same length	false	true	true	true	false
Max # diff. factors	46	2	22	62	37
PIMs diff by same #factors	false	true	false	true	false
Max diff #modules in factors	336	1	160	1202	517
All factors diff same #modules	false	true	false	false	false