

Table 1: Prime 7 Order 1

Group	A10	A11	A12	A7	A8	G2(3)	G2(4)	HS	J1	J2
Prime	7	7	7	7	7	7	7	7	7	7
Multiplicity	1	1	1	1	1	1	1	1	1	1
#PIMs in Block	6	6	6	3	3	6	6	6	6	6
#PIMs diff. SR	0	0	0	0	0	1	2	0	0	0
Max Factors of PIMs	3	3	3	3	3	5	5	3	3	3
All PIMs same length	true	true	true	true	true	false	false	true	true	true
Max # diff. factors	0	0	0	0	0	2	2	0	0	0
PIMs diff by same #factors	true	true	true	true	true	true	true	true	true	true
Max diff #modules in factors	0	0	0	0	0	1	1	0	0	0
All factors diff same #modules	true	true	true	true	true	true	true	true	true	true

Table 2: Prime 7 Order 1

Group	L2(13)	L2(27)	L2(29)	L2(8)	L3(2)	L3(4)	L5(2)	M22	M23	M24
Prime	7	7	7	7	7	7	7	7	7	7
Multiplicity	1	1	1	1	1	1	1	1	1	1
#PIMs in Block	2	2	2	2	3	3	3	3	3	3
#PIMs diff. SR	1	1	0	0	0	0	0	0	0	0
Max Factors of PIMs	4	4	7	7	3	3	3	3	3	3
All PIMs same length	false	false	true	true	true	true	true	true	true	true
Max # diff. factors	1	1	0	0	0	0	0	0	0	0
PIMs diff by same #factors	true	true	true	true	true	true	true	true	true	true
Max diff #modules in factors	1	1	0	0	0	0	0	0	0	0
All factors diff same #modules	true	true	true	true	true	true	true	true	true	true

Table 3: Prime 7 Order 1

Group	Mcl	O8-(2)	O8+(2)	S6(2)	Sz(8)	U3(3)	U3(5)	U3(8)	U4(3)	3d4(2)
Prime	7	7	7	7	7	7	7	7	7	7
Multiplicity	1	1	1	1	1	1	1	1	1	2
#PIMs in Block	3	6	6	6	2	3	3	2	3	7
#PIMs diff. SR	1	0	0	0	0	1	1	0	0	7
Max Factors of PIMs	5	3	3	3	7	5	5	7	3	11
All PIMs same length	false	true	true	true	true	false	false	true	true	true
Max # diff. factors	2	0	0	0	0	2	2	0	0	6
PIMs diff by same #factors	true	true	true	true	true	true	true	true	true	true
Max diff #modules in factors	1	0	0	0	0	1	1	0	0	4
All factors diff same #modules	true	true	true	true	true	true	true	true	true	false

Table 4: Prime 7 Order 2

Group	L3(8)	L3(7)	U3(7)
Prime	7	7	7
Multiplicity	2	3	3
#PIMs in Block	3	16	48
#PIMs diff. SR	0	12	38
Max Factors of PIMs	13	9	9
All PIMs same length	true	false	false
Max # diff. factors	0	6	6
PIMs diff by same #factors	true	true	true
Max diff #modules in factors	0	36	36
All factors diff same #modules	true	false	false