

Table 1: Prime 5 Order 1

Group	A5	A6	A7	A8	J1	J3	L2(11)	L2(19)
Prime	5	5	5	5	5	5	5	5
Multiplicity	1	1	1	1	1	1	1	1
#PIMs in Block	2	2	4	4	2	2	2	2
#PIMs diff. SR	0	0	0	0	0	0	0	0
Max Factors of PIMs	3	3	3	3	5	3	5	3
All PIMs same length	true	true	true	true	true	true	true	true
Max # diff. factors	0	0	0	0	0	0	0	0
PIMs diff by same #factors	true	true	true	true	true	true	true	true
Max diff #modules in factors	0	0	0	0	0	0	0	0
All factors diff same #modules	true	true	true	true	true	true	true	true

Table 2: Prime 5 Order 1

Group	L2(29)	L2(31)	L3(4)	L4(3)	M11	M12	M22	M23
Prime	5	5	5	5	5	5	5	5
Multiplicity	1	1	1	1	1	1	1	1
#PIMs in Block	2	2	2	4	4	4	4	4
#PIMs diff. SR	0	0	0	0	0	0	0	0
Max Factors of PIMs	3	5	3	3	5	3	3	5
All PIMs same length	true	true	true	true	true	true	true	true
Max # diff. factors	0	0	0	0	0	0	0	0
PIMs diff by same #factors	true	true	true	true	true	true	true	true
Max diff #modules in factors	0	0	0	0	0	0	0	0
All factors diff same #modules	true	true	true	true	true	true	true	true

Table 3: Prime 5 Order 1

Group	M24	O8-(2)	S6(2)	Sz(8)	U3(11)	U4(2)	U4(3)
Prime	5	5	5	5	5	5	5
Multiplicity	1	1	1	1	1	1	1
#PIMs in Block	4	4	4	4	2	4	4
#PIMs diff. SR	0	0	0	1	0	0	0
Max Factors of PIMs	3	3	3	4	5	3	3
All PIMs same length	true	true	true	false	true	true	true
Max # diff. factors	0	0	0	1	0	0	0
PIMs diff by same #factors	true	true	true	true	true	true	true
Max diff #modules in factors	0	0	0	1	0	0	0
All factors diff same #modules	true	true	true	true	true	true	true

Table 4: Prime 5 Order 2

Group	A10	A11	A12	G2(4)	He	J2	O8+(2)	S4(4)	Sz(32)	2F4(2)'	U3(4)
Prime	5	5	5	5	5	5	5	5	5	5	5
Multiplicity	2	2	2	2	2	2	2	2	2	2	2
#PIMs in Block	10	10	14	6	14	6	10	5	4	14	3
#PIMs diff. SR	0	0	0	6	0	0	0	5	1	13	2
Max Factors of PIMs	5	5	5	9	5	5	5	9	19	13	13
All PIMs same length	true	true	true	false	true	true	true	false	false	false	true
Max # diff. factors	0	0	0	4	0	0	0	4	16	10	10
PIMs diff by same #factors	true	true	true	false	true	true	true	false	true	true	false
Max diff #modules in factors	0	0	0	2	0	0	0	2	1	10	2
All factors diff same #modules	true	true	true	true	true	true	true	true	true	false	false

Table 5: Prime 5 Order 3

Group	HS	L3(5)	Mcl	U3(5)	S4(5)
Prime	5	5	5	5	5
Multiplicity	3	3	3	3	4
#PIMs in Block	10	24	12	8	14
#PIMs diff. SR	10	21	12	7	14
Max Factors of PIMs	9	9	17	9	13
All PIMs same length	true	false	true	false	true
Max # diff. factors	4	6	14	6	10
PIMs diff by same #factors	true	true	true	true	true
Max diff #modules in factors	10	32	33	32	80
All factors diff same #modules	false	false	false	false	false