

343 MATH

Group Theory

Text Book: Contemporary Abstract Algebra. Joseph A. Gallian

Exercise list:

Chapte	10 th addition	notes
1		
2	4-6(b,d)-10-13-14-16-17-27-34-36-45-47	
3	2-3-14-15-27-32-38-46(b)-47-50-53-54-60-64(b)-77	
4	1-2-3-4-5-6-7-9-16-21-27-32-35-43-45-51-61-65-66-67-69-76	
5	2-3-4-5-7-8-9-10-11-12-15-17-19-24-25-26-27-29-34-42-51-55	Not included from Examples 10 to end of section
6	1-2-4-6-7-9-12-13-15-17-31-39-41-43-45-47-49-51-53-56	
7	1-2-3-4-5-6-8-9-13-14-15-16-17-20-21-23-24-27-28-29-35-38-50-60-61-69-71	
8	1-2-3-4-5-6-7-8-9-10-11-13-16-17-18-36-38-40-46-51-56-57-80-81	
9	1-2-5-6-11-12-13-14-20-28-30-37-39-44-47-50-55-64-70	
10	1-2-3-4-7-11-12-13-14-15-16-19-21-23-38-49-50-71	
11	1-3-5-6-9-12-15(a,b,d)-21-28-	

Sylow Groups
23 in 10th addition

1-2-3-6-15-19-21-
24-25-44-57