

Problem Assignments  
Mathematics 309a Abstract Algebra  
Winter Semester 2009  
David Haines

From: Fraleigh, John B. *A First Course in Abstract Algebra*. 7<sup>th</sup> ed. Addison-Wesley. 2003.

<u>Section</u>	<u>Exercises</u>
0	1-12, 14-16, 23-27
1	1-34, 38, 41
2	1-12, 14-19, 23, 24, 29-34
3	1-13, 16-18, 20, 21, 26, 27, 33
4	1-14, 19-22, 24-26, 28-30, 32, 37, 41
5	1-11, 14-17, 21-25, 27-31, 33-34, 36, 39, 41, 43, 47, 51, 53
6	1-30, 32-39, 42, 45, 46, 49, 51, 55
7	1-10, 13, 14, 16, 18
8	1-13, 16-18, 24, 25, 30-33, 35, 36, 39-41, 44, 45, 52
9	1-16, 19, 23-25, 29, 34, 36
10	1-16, 19, 20-27, 30-32, 34, 39
11	1-17, 21-26, 29, 32, 34, 36, 39-41, 45, 46, 50
13	1-11, 16-29, 32-42, 44, 45, 47, 49, 52
14	1-16, 23, 24, 27, 30-34, 40
15	1-16, 19-23, 28-30, 34-36, 40
18	1-20, 22, 23, 27, 28, 33, 37-41, 44, 48, 49, 55
19	1-18, 23, 24, 26
20	1-18, 23, 24, 29, 30
21	1, 2, 4, 6-9
22	1-14, 21-23, 25-27
23	1-21, 25, 27-30