

**Date due: September 25, 2017**

There will be a 30 minute quiz in class on this date on the subject matter of Homeworks 1 and 2. Hand in only the starred questions.

**Section 1.6** nos. 4, 5, 6, 7, 18, 23\*, 24\*, 26.

**Section 1.7** nos. 12, 18, 19\*, 21, 23.

**Section 2.1** nos. 3, 6\*, 17

**Section 2.2** nos. 6, 10\*, 14

Many of the questions in this part of the book are about specific groups, and the dihedral groups make an appearance many times, but there are also other small groups. It is important to be able to do calculations with these groups quite rapidly, because you are familiar with their structure, and that is much of the point of doing Section 1.6 qns 4, 5, 6, 7, Section 2.2 qn 5, and so on. Some questions are more or less the same as questions that appeared earlier. For instance, 2.2 qn 7 is really the same as 1.2 qn 4.