Homework set 6 - due 10/23/26

Math 3010 – Renato Feres

Note 1. Work on all the problems listed below, but only those marked with an $(*)$ need to be turned in.
Note 2. The problems marked with $(*)$ are all worth the same number of points.

$\diamond$

1. Read Chapter 9 and 10 of Liebeck's textbook. I haven't included problems on Regular and Platonic Solids (Chapter 9) since we haven't covered this topic in class, but you may find it interesting, and ideas contained in the proof of Theorem 9.3 may be useful in some of the exercises.
2. Chapter 9, Exercise 1
3. Chapter 9, Exercise 2 $(*)$
4. Chapter 9, Exercise 4 $(*)$
5. Chapter 9, Exercise 5
6. Chapter 10, Exercise 1
7. Chapter 10, Exercise 4 $(*)$
8. Chapter 10, Exercise 6 $(*)$
9. Chapter 10, Exercise 8 $(*)$