

Mathematics 100A Homework 7

Due: Wednesday 18 November 2020

Instructions: Please write clearly and fully explain your solutions. It is OK to work with others to solve the problems, but if you do so, you should write your solutions up separately. Copying solutions from your peers or a solutions manual will be deemed academic misconduct. Please feel free to reach out to me or the TA if you have any questions.

1. Chapter 6, exercise 3.6
2. Chapter 6, exercise 4.1
3. Determine the center of the dihedral group D_n .