Fall 2018, Math 320: Week 14 Preliminary Problems Due: Thursday, November 29th, 2018 Introduction to Groups

Preliminary problems. These problems should be completed before discussion on Thursday.

(P1) Illustrate the elements of D_3 , the symmetries of a triangle with vertices labeled 1, 2, 3 (there should be 6 in total: 2 rotations, 3 flips, and the identity).