Math 540: Exercises for Week 6

Reading: Finish reading Hatcher Section 1.3. Sometime soon, preferably before Thursday's lecture but definitely before Tuesday's, read the introduction to Chapter 2 in Hatcher, which is a leisurely overview of the concepts behind homology, our next major topic.

- 1. Hatcher 1.3.18
- 2. Hatcher 1.3.19
- 3. Hatcher 1.3.24
- $4. \ \text{Hatcher} \ 1.3.27$
- 5. Hatcher 1.3.31