

This assignment focuses on simplicial and singular homology, and touches on the basics of degree.

**Exercise 1.** Hatcher, Section 2.1, exercise 7, 11, 12, 14, 15, 17, 22, 30.

Also browse the early exercises in this section - there are many instructive examples.

**Exercise 2.** Section 2.2, exercise 2, 3, 4.