

## Math 525: Problem Set 8

**Due date:** In class on Wednesday, Nov 4.

**Required Text:** Allen Hatcher, *Algebraic Topology*,

<http://www.math.cornell.edu/~hatcher/AT/ATpage.html>

1. Hatcher, Section 2.1, Problem 11.
2. Hatcher, Section 2.1, Problem 13.
3. Hatcher, Section 2.1, Problem 15.
4. Hatcher, Section 2.1, Problem 16(a).