Homology and Cohomology – Week 10 Exercises

Read Armstrong's *Basic Topology* §9.1 to 9.4. Then take a look at the discussion of some of the same topics in tom Dieck's *Algebraic Topology* in §10.5–10.6 and §12.4–12.5.

Think about these exercises, and write up solutions to three of them. If you like you can also submit exercise solutions from previous weeks. This week all the exercises come from Armstrong's book.

1. Armstrong problem 2 and 3 on page 199.

2. Armstrong problem 16 and 18 on page 202.

3. Armstrong problem 21 and 22 on page 206.

4. Armstrong problem 27 and 29 on page 209.