Algebra 1
HW 8 (Due: 12-10-2023)

1. Exercise 2 Section 17.1, Dummit and Foote

2. Exercise 3 Section 17.1, Dummit and Foote

3. Exercise 8 Section 17.1, Dummit and Foote

4. Exercise 10 Section 17.1, Dummit and Foote

5. Show that when R is a PID, $Tor_R(A, B) \simeq Tor_R(B, A)$ for every pair of R-modules A and B.

6. Exercise 15 Section 17.1, Dummit and Foote

7. Exercise 16 Section 17.1, Dummit and Foote