HOMEWORK 6 DUE MARCH 15TH BY 5PM

You may use any results in the book up to and including section 3.2.

1. Exercise 11, page 205.

2. Exercise 1, page 228.

3. Exercise 2, page 228. (Careful: You need to show how the cup product behaves with respect to the quotients $C^n(X, A; R) \to C^n(X; R)$, it is not obvious.)

4. Exercise 3, page 229.

5. Exercise 7, page 229.

6. Exercise 12, page 229.