

## **WEEK 5: 2021-06-15, 2021-06-17**

[AM]: Atiyah-Macdonald, Introduction to commutative algebra.

**Exercise 1.** [AM], Page 99, Exercise 3.

**Exercise 2.** [AM], Page 99, Exercise 5.

**Exercise 3.** [AM] Page 99, Exercise 8.

**Exercise 4.** [AM] Page 114, Exercise 3.

**Exercise 5.** [AM] Page 114, Exercise 4.