Math 8253, Fall 2015
Homework 5
Due in-class on **Monday, November 2**

The following exercises are drawn from Vakil's *Foundations of algebraic geometry* (Sept. 18, 2015 version). This is available at:

http://math.stanford.edu/~vakil/216blog/FOAGsep1815public.pdf

1. Exercise 2.2.G(a).

2. Exercise 2.3.I.

3. Exercise 2.7.D.

4. Exercise 3.2.D.

5. Exercise 3.2.R.

6. Think about 3.4.J but do not hand it in.