

Math 602 Term 2 2012 at UMD

Homework 1

Due Friday, February 15.

Read Chapter 1 of Weibel's book and do the following excercises.

- (1) p.2: 1.1.1 and 1.1.3
- (2) p.3: 1.1.5 and 1.1.6
- (3) p.11: 1.3.1
- (4) p.13: 1.3.3
- (5) p.15: 1.3.5

Also do the following problem suggested on page 6 of Weibel's book.

Problem 8. Show that, in an additive category, any kernel is a monic and any cokernel is epi.