18.726 ALGEBRAIC GEOMETRY. HOMEWORK SET 1

This problem set is due Tuesday February 13, 2007 at the beginning of class. Read sections II.1, II.2 and II.3 in Hartshorne. You should read all the exercises and work through as many of them as you can. If you have not taken the qualifying exam and need a grade, you must turn in the following problems:

(1) page 63 Problem II.1.2,
(2) page 63 Problem II.1.3,
(3) page 63 Problem II.1.6,
(4) page 64 Problem II.1.13,
(5) page 64 Problem II.1.16,
(6) page 65 Problem II.1.17,
(7) page 65 Problem II.1.18,
(8) page 65 Problem II.1.21,
(9) page 66 Problem II.1.22