18.726 ALGEBRAIC GEOMETRY. HOMEWORK SET 5

This problem set is due Tuesday March 13, 2007 at the beginning of class. Read sections II.5, II.6 and II.7 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 124 Problem II.5.6,
(2) page 124 Problem II.5.7,
(3) page 125 Problem II.5.8,
(4) page 125 Problem II.5.10,
(5) page 125 Problem II.5.11,
(6) page 126 Problem II.5.12,
(7) page 126 Problem II.5.14,
(8) page 127 Problem II.5.16,
(9) page 128 Problem II.5.18,