

**MA 515 Homework #2**  
**Due Wednesday, September 20**

Exam #1 originally anticipated for September 20 will be postponed to a later date. We will discuss this when I return on Monday.

1. Exercises 4.2, 4.3, 4.5. It is possible that you might have some preliminary discussion of these exercises in class.
2. Exercises 5.4, 5.5, 5.6. You may use diagrams (with explanations) instead of concrete numbers, if you wish.
3. Read the definition of the vertex-edge incidence matrix of a digraph (Definition 6.6) and do Exercise 6.11.