

You will have a short quiz on Tuesday, February 13 that will include exercises similar to some the following questions. You do not need to turn in your answers to these questions.

Drill Section 12.3.

- Define conditional probability (page 693).
- What does the symbol  $P(E|F)$  stand for? Answer: The symbol  $P(E|F)$  stands for the probability that event E occurs, given that event F has already occurred.

Calculating conditional probability for simple experiments

- Page 703, exercises #1-3 (rolling one die)
- Page 703, exercises #4-6 (rolling two dice; see Example 7 page 679)
- Page 703, exercises #7-14 (picking two cards from a deck without replacement)

Vocabulary in the intersection of math and medicine

- Define the sensitivity and the specificity of a medical test (page 701)