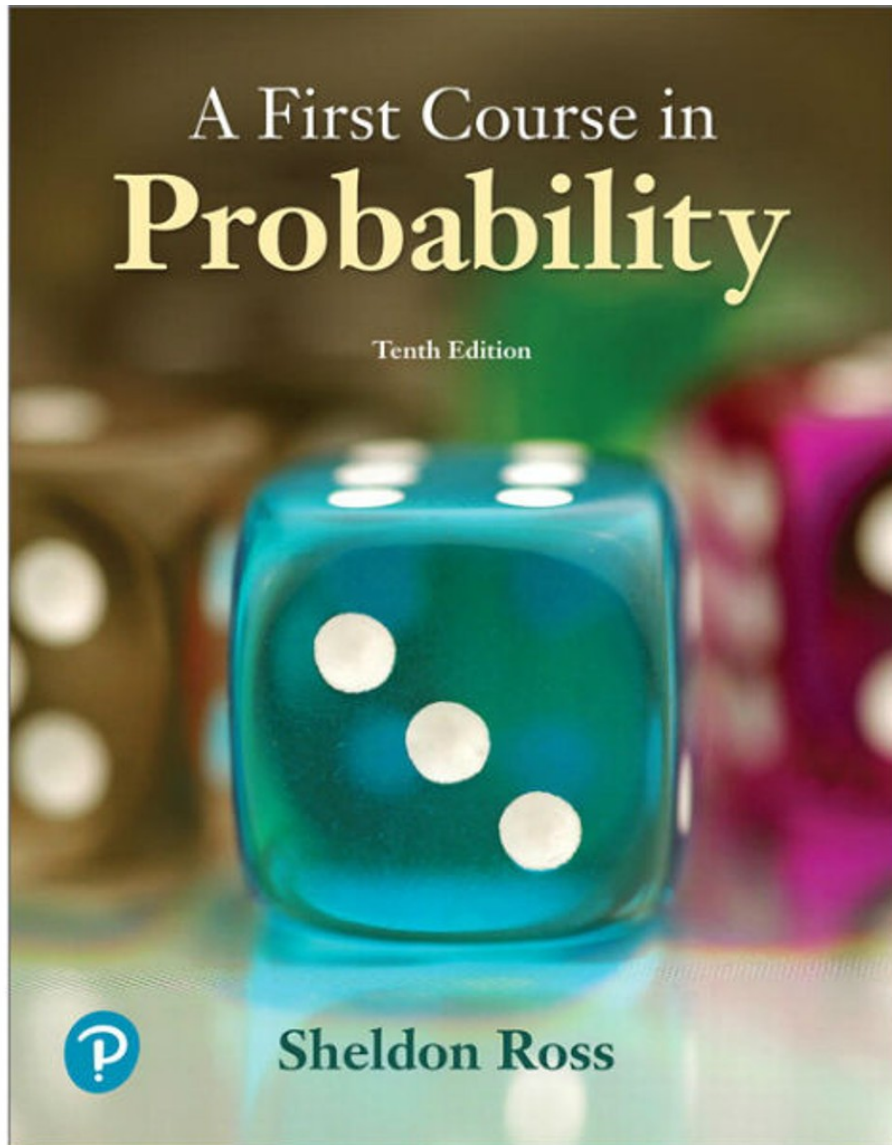




Lecture 3.2

More examples w/ uniform probabilities





**Today's reading:
continuing out of 2.5+2.7**

**Reading for next class:
3.1+3.2**

**MA/STAT 416 Help Room is
NOW OPEN!**

HW2 is due Friday at
beginning of class.

Today's draft problem

To be presented by today's draftee.

Determine the probabilities of each of the following hands in 5 card poker:

- a) Straight flush (5 of same suit that are *also* sequential)
- b) Straight (5 sequential, but *not* all same suit)
- c) Flush (5 of same suit, but *not* sequential)



Show your work! (Hint: use your result in part (a) to do parts (b) and (c).)

Friday's draft problem

To be presented by Friday's draftee at the beginning of class.

Suppose that you must uniformly randomly draw 6 marbles from an urn that contain 7 red marbles, 3 green marbles and 5 blue marbles. What is the probability that you draw 3 red marbles, 2 green marbles and 1 blue marble?