Stat 1040 Quiz 6, Fall 2014	NameRecitation Instructor
1. There are 25 students in a class.	
a) How many ways can you select a	committee of size 5? (2 points)
b) If John and Mary are in the class are together, how many ways can yo	and are willing to serve on the committee but only if they ou select a committee of size 5? (2 points)
2. You play a game in which you win Which is better for you, 100 tosses of	n \$1 if the percentage of heads (fair coin) is less than 60%. r 1000 tosses? (2 points)

3. A biased coin has probability 1/3 of *heads* when tossed. Suppose you toss this coin 400 times and when it comes up *heads* you get \$5 but when it comes up *tails* you lose \$1. Build a box model for the total amount you win in this game. (4 points)