

Math 110  
Spring, 2009

Name \_\_\_\_\_  
Calculator: \_\_\_\_\_

Homework #9  
Due Tuesday, April 14  
No late papers accepted! No excuses!

1. The speeds of cars traveling on I-15 are normally distributed with a mean of 69 mph and a standard deviation of 3.9 mph. Find the probability of cars traveling on this highway have a speed of
  - a) between 61 and 66 miles per hour.

b) more than 74 miles per hour

2. Which of the following are binomial experiments? Explain why.
  - a) Rolling a die many times and observing the number of spots
  
  - b) Rolling a die many times and observing whether the number obtained is even or odd

