

## **QUIZ** for Lessons 10.5–10.6

Find the probability of randomly drawing the given marbles from a bag of 6 red, 9 green, and 5 blue marbles without replacement. (p. 717)

1. red, then green	2. blue, then red	<b>3.</b> green, then green
<b>I</b> fou, then green		

Calculate the probability of getting the given number of 6's when rolling a six-sided die 10 times. (p. 724)

**4.** 0 **5.** 1 **6.** 4 **7.** 8

A binomial experiment consists of *n* trials with probability *p* of success on each trial. Draw a histogram of the binomial distribution that shows the probability of exactly *k* successes. (*p.* 724)

**8.** n = 5, p = 0.2 **9.** n = 8, p = 0.5 **10.** n = 6, p = 0.72

11. **MENU CHOICES** You and 4 friends are in line at lunch and are each selecting a beverage. There are 5 types of beverages available. What is the probability that all of you will select different beverages? (*p. 717*)