Name Date

Practice

For use after Lesson 10.5

10.5

You roll a number cube twice. Find the probability of the events.

 1. Rolling a 3 twice 2. Rolling an even number and a 5

 3. Rolling an odd number and a 2 or a 4 4. Rolling a number less than 6 and a 3 or a 1

You randomly choose a letter from a hat with the letters A through J. Without replacing the first letter, you choose a second letter. Find the probability of the events.

 5. Choosing an H and then a D 6. Choosing a consonant and then an E or an I

 7. Choosing a vowel and then an F 8. Choosing a vowel and then a consonant

 9. You have 3 clasp bracelets, 4 watches, and 5 stretch bracelets. You randomly choose two from your jewelry box. What is the probability that you will choose 2 watches?

You flip a coin, and then roll a number cube twice. Find the probability of the event.

 10. Flipping heads, rolling a 5, and rolling a 2

 11. Flipping tails, rolling an odd number, and rolling a 4

 12. Flipping tails, rolling a 6 or a 1, and rolling a 3

 13. Flipping heads, *not* rolling a 2, and rolling an even number