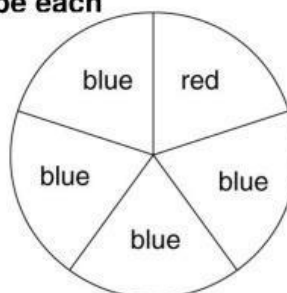


**LESSON**  
**11-1**
**Practice B**
**Introduction to Probability**

Write the probability as a fraction. Then write *impossible*, *unlikely*, *as likely as not*, *likely*, or *certain* to describe each event.

1. landing on blue \_\_\_\_\_
2. landing on green \_\_\_\_\_
3. landing on red \_\_\_\_\_
4. landing on blue or red \_\_\_\_\_
5. You will spin the spinner clockwise.  
\_\_\_\_\_



Write each probability as a decimal and as a fraction.

6. There is a 10% chance of rain tomorrow. \_\_\_\_\_
7. There is a 75% chance of snow tomorrow. \_\_\_\_\_
8. There is a 25% chance of hail tomorrow. \_\_\_\_\_

Compare probabilities.

9. Are you more likely to win a color TV or a watch?  
\_\_\_\_\_
10. Are you more likely to win a DVD player or a stereo?  
\_\_\_\_\_
11. Are you more likely to win a diamond ring, a DVD player, or a stereo?  
\_\_\_\_\_

Prize Winning Probabilities	
Color TV	17/100
DVD player	22/100
Watch	13/100
Stereo	21/100
Diamond ring	27/100

A bag has 3 blue marbles, 4 green marbles, and 1 black marble.

Find the probability of picking a black marble. Find the probability of NOT picking a black marble. **Write as a fraction, decimal, and percent.**

12. P(black)

13. P(not black)

Draw picture



**LESSON**  
**11-1**

## Practice C

### Introduction to Probability

Write *impossible, unlikely, as likely as not, likely, or certain* to describe each event.

14. Your teacher will assign homework. \_\_\_\_\_
15. You will be younger next year. \_\_\_\_\_
16. You will find \$10 on your way home from school. \_\_\_\_\_
17. You will hear about probabilities on the weather channel. \_\_\_\_\_

Write each probability as a decimal and as a percent.

18. Carolyn has a  $\frac{4}{5}$  chance of making a free throw shot. \_\_\_\_\_
19. Tom has a  $\frac{2}{5}$  chance of making a free throw shot. \_\_\_\_\_
20. Antoine has a  $\frac{3}{5}$  chance of making a free throw shot. \_\_\_\_\_

Compare probabilities.

21. Are you more likely to land on blue or yellow? \_\_\_\_\_

22. Are you more likely to land on green or red? \_\_\_\_\_

What is the probability of blue and Not blue as a fraction, decimal and percent?

23. P(blue) \_\_\_\_\_ 24. P(not blue) \_\_\_\_\_



25. A bag contains dimes and quarters. The probability of picking a dime from the bag of is  $\frac{5}{9}$ . What is the probability of picking a coin that is **not** a dime? P(NOT dime) \_\_\_\_\_

26. A bag contains blue, green, and red counters. The probability of picking a blue counter from a bag is  $\frac{3}{8}$ . The probability of picking a red counter is  $\frac{3}{8}$ . What is the probability of picking a green counter as a fraction? \_\_\_\_\_