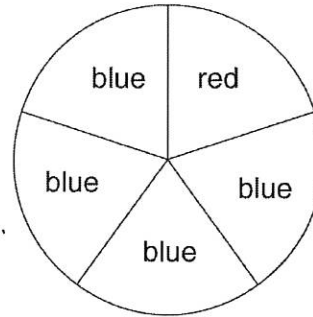


**LESSON**  
**12-1**

**Practice B**  
**Introduction to Probability**

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?  
\_\_\_\_\_

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

11. Are you more likely to win a diamond ring, a DVD player, or a stereo?  
\_\_\_\_\_
12. A bag has 4 red marbles, 3 blue marbles, 4 green marbles, and 1 black marble. Which term best describes the probability of picking a black marble from the bag: impossible, likely, as likely as not, unlikely, or impossible?  
\_\_\_\_\_

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

13. Your teacher will assign homework.

\_\_\_\_\_

14. You will be younger next year.

\_\_\_\_\_

15. You will find \$10 on your way home from school.

\_\_\_\_\_

16. You will hear about probabilities on the weather channel.

\_\_\_\_\_

**Write each probability as a decimal and as a percent.**

17. Carolyn has a  $\frac{4}{5}$  chance of making a free throw shot.

\_\_\_\_\_

18. Tom has a  $\frac{2}{5}$  chance of making a free throw shot.

\_\_\_\_\_

19. Antoine has a  $\frac{3}{5}$  chance of making a free throw shot.

\_\_\_\_\_