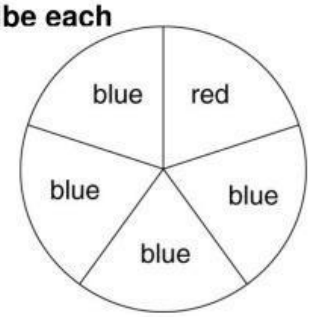
Name _____ Date _____ Class _____

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?

_____

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

11. Are you more likely to win a diamond ring, a DVD player, or a stereo?

_____

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.**

Draw picture

12. P(black)

13. P(not black)

_____

Original content Copyright © by Holt McDougal. Additions and changes to the original content are the responsibility of the instructor.

LIVEWORKSHEETS

Name _____ Date _____ Class _____

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?

_____

Original content Copyright © by Holt McDougal. Additions and changes to the original content are the responsibility of the instructor.

LIVEWORKSHEETS