Grade 7 Probability Worksheet

Name: _____ Date: _____ Score: _____

Find the probability. Write your answer as a fraction on the line.

1. A bag has 5 red and 3 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   _____

2. You flip 2 coins. How many possible outcomes are there?

   _____

3. A bag has 6 red and 2 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   _____

4. A bag has 4 red and 5 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   _____

5. A bag has 4 red and 3 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   _____

6. A bag has 3 red and 4 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   _____

7. A bag has 6 red and 5 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   _____

8. A bag has 6 red and 4 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   _____

9. A bag has 5 red and 6 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   _____

10. A bag has 2 red and 4 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

    _____

11. A bag has 4 red and 6 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

    _____

12. A bag has 3 red and 6 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

    _____

13. A bag has 6 red and 3 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

_____

14. A bag has 5 red and 4 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

_____

15. A bag has 6 red and 6 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

_____

16. A bag has 3 red and 2 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

_____

17. A bag has 3 red and 5 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

_____

18. A bag has 5 red and 5 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

_____

19. A bag has 2 red and 3 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

_____

20. A bag has 3 red and 3 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

_____

21. A bag has 4 red and 4 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

_____

22. A bag has 5 red and 2 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

_____

23. A bag has 2 red and 6 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

_____

24. A bag has 4 red and 2 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

_____

25. A bag has 2 red and 2 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

_____

26. A bag has 2 red and 5 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

_____

ANSWER KEY

Grade 7 Probability Worksheet

1. A bag has 5 red and 3 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   63

2. You flip 2 coins. How many possible outcomes are there?

   4

3. A bag has 6 red and 2 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   75

4. A bag has 4 red and 5 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   44

5. A bag has 4 red and 3 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   57

6. A bag has 3 red and 4 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   43

7. A bag has 6 red and 5 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   55

8. A bag has 6 red and 4 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   60

9. A bag has 5 red and 6 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

   45

10. A bag has 2 red and 4 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

    33

11. A bag has 4 red and 6 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

    40

12. A bag has 3 red and 6 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

    33

13. A bag has 6 red and 3 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

    67

14. A bag has 5 red and 4 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

    56

15. A bag has 6 red and 6 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

    50

16. A bag has 3 red and 2 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

    60

17.

18.

19.

20.

A bag has 3 red and 5 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

38

A bag has 5 red and 5 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

50

A bag has 2 red and 3 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

40

A bag has 3 red and 3 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

50

21. A bag has 4 red and 4 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

50

22. A bag has 5 red and 2 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

71

23. A bag has 2 red and 6 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

25

24. A bag has 4 red and 2 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

67

25. A bag has 2 red and 2 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

50

26. A bag has 2 red and 5 blue marbles. What is the probability of drawing red? (as a percent, round to nearest whole)

29