

QUIZIZZ

NAME : _____

CLASS : _____

DATE : _____

Probability 1

20 Questions

1.



What is the probability of choosing a pink marble?

a) Certain

b) Likely

c) Unlikely

d) Impossible

2.



What is the probability of choosing a blue marble?

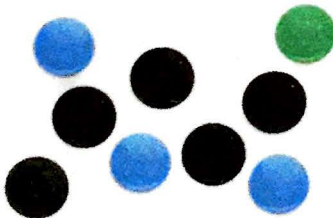
a) Certain

b) Likely

c) Unlikely

d) Impossible

3.



What is the probability of choosing a black marble?

a) Certain

b) Likely

c) Unlikely

d) Impossible

4. A player for a football team gets injured and leaves the game. The coach says there is a $\frac{9}{10}$ chance that the player will not play for the rest of the game. How likely is it that the player will be able to return to the game?

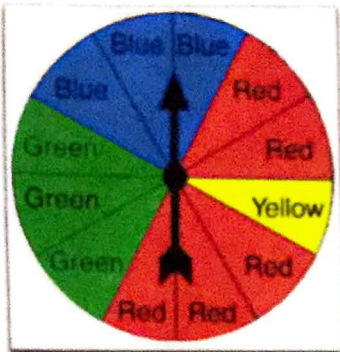
a) unlikely

b) likely

c) certain

d) impossible

5. What is the probability of spinning green?



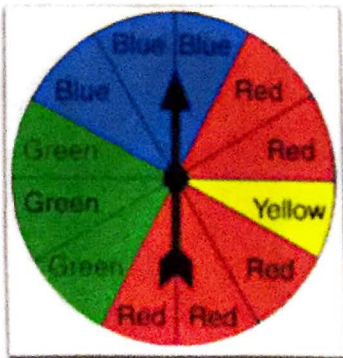
a) 0

b) $\frac{1}{4}$

c) $\frac{1}{2}$

d) $\frac{3}{4}$

6. What is the probability of spinning red?



a) 0

b) $\frac{5}{12}$

c) $\frac{1}{2}$

d) $\frac{3}{4}$

7. The letters that form the word ALGEBRA are placed in a bowl. What is the probability of choosing a letter other than "A"?

a) $2/7$

b) $5/49$

c) $5/7$

d) $10/49$

8.



Find the probability of drawing a 10 from a standard deck of 52 cards.

a) 1 out of 52

b) 13 out of 52

c) 26 out of 52

d) 4 out of 52

9. A bag contains 30 pieces of candy. There are 15 grape, 7 cherry, 3 lemon, 5 strawberry. What is the probability of drawing a lemon?

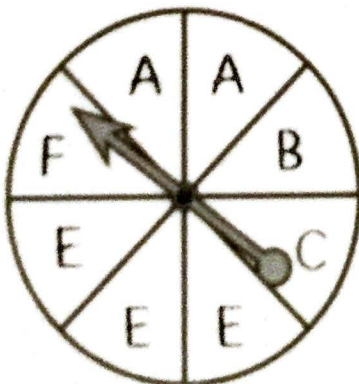
a) 3

b) $1/10$

c) $3/10$

d) 30%

10.



$P(\text{not } A)$ - this means "probability of not getting an A"
 =*Remember to simplify.*

a) $6/8$

b) $3/4$

c) $2/8$

d) $1/4$

11. If you choose from the following M & M colors, what is the probability that you choose blue?



- 5 green
- 6 yellow
- 8 blue
- 7 brown

a) $8/26$

b) $4/13$

c) $8/25$

d) $1/3$

12.

Red	Yellow	Blue	Green	Brown
5	11	7	10	5

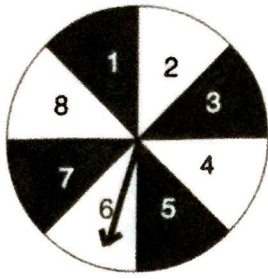
The chart below represents the number of marbles in a jar. $P(\text{green})$ - this means "probability of green" =

a) $5/19$

b) $10/28$

c) $5/14$

13.



What is the theoretical probability of the spinner landing on a 5?

a)

$$\frac{1}{8}$$

b)

$$\frac{1}{2}$$

c)

$$\frac{5}{8}$$

d)

$$\frac{1}{5}$$

14. Experimental Probability is ____

a) data from our experiment

b) our prediction

15. Theoretical Probability is ____

a) data from our experiment

b) our prediction

16. A coin is tossed 18 times. It lands on **heads** 12 times. What is the experimental probability of the coin landing on **tails**?

reduce the fraction!

a)

$$\frac{1}{2}$$

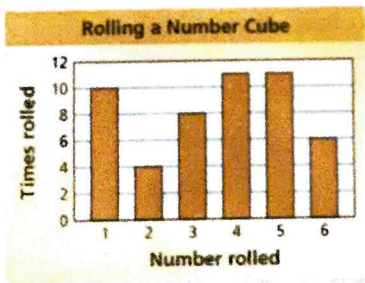
b)

$$\frac{2}{3}$$

c)

$$\frac{1}{3}$$

17.



The bar graph shows the results of rolling a number cube _____ times

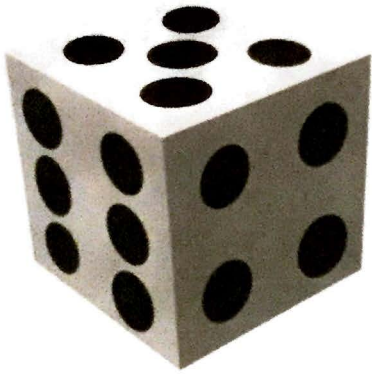
a) 6

b) 50

c) 100

d) 12

18.

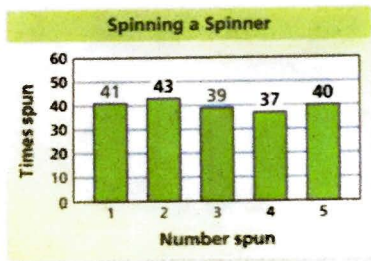


How many sides are on a normal number cube?

- a) 4
- c) 8
- e) 12

- b) 6
- d) 10

19.



The bar graph shows the results of spinning the spinner 200 times. What is the theoretical probability of landing on a 4?

a)

$$\frac{4}{5}$$

b)

$$\frac{37}{50}$$

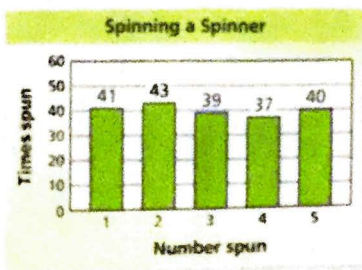
c)

$$\frac{1}{5}$$

d)

$$\frac{37}{200}$$

20.



The bar graph shows the results of spinning the spinner 200 times. What is the experimental probability of landing on a 3?

 a)

$$\frac{39}{200}$$

 b)

$$\frac{3}{50}$$

 c)

$$\frac{39}{50}$$

 d)

$$\frac{3}{200}$$