

Name: \_\_\_\_\_

Score: \_\_\_\_\_

## 15 Multiple choice questions

Definition

1 of 15

A number that describes how likely it is that an event will occur.

- ☐ subjective
- ☐ trial
- ☐ probability
- ☐ impossible

Definition

2 of 15

what is the probability of rolling a dice and getting a 1 or 6?

- ☐ 1/6
- ☐ 1/4
- ☐ 1/3
- ☐ 2/5

Definition

3 of 15

The ratio of the number of equally likely outcomes in an event to the total number of possible outcomes. (probability before you conduct the experiment/activity)

- ☐ theoretical probability
- ☐ personal probability
- ☐ statistical probability
- ☐ subjective probability

Definition

4 of 15

what is the probability of flipping a coin and getting heads?

- ☐ 3/4
- ☐ 1/2
- ☐ 1/3
- ☐ 1/4

Definition

5 of 15

what is the probability of landing on 9?

- ☐ 0/8
- ☐ 2/8
- ☐ 1/8
- ☐ 3/8

Definition

6 of 15

5 red marbles, 6 green, 2 blue. what is the probability of picking green?

☐ 5/13☐ 2/13☐ 6/13☐ 7/13

Definition

7 of 15

1 red marble, 3 green, 4 blue. what is the probability of picking a green?

☐ 5/8☐ 3/8☐ 1/8☐ 2/8

Definition

8 of 15

a certain chance of an event happening is the same as a \_\_\_\_\_ chance

☐ 1/2, 0.5, or 50%☐ 1/1, 1, or 100%☐ 1/3, 0.33, or 33%☐ 1/4, 0.25, or 25%

Definition

9 of 15

what is the probability of landing on black?

☐ 4/8☐ 2/8☐ 3/8☐ 5/8

Definition

10 of 15

Probability that is based on repeated trials of an experiment. (probability after you conduct the experiment)

☐ subjective probability☐ simple probability☐ theoretical probability☐ experimental probability

Definition

11 of 15

5 red marbles, 6 green, 2 blue. what is the probability of not picking blue?

☐  $3/13$ ☐  $8/13$ ☐  $2/13$ ☐  $11/13$ 

Definition

12 of 15

If you spin the spinner once, what is the probability that you will get a number greater than 5?

☐  $1/3$ ☐  $3/8$ ☐  $5/8$ ☐  $1/4$ 

Definition

13 of 15

an impossible chance of an event happening is the same as a \_\_\_\_\_ chance

☐ 1, or 100%☐  $1/2$ , or 50%☐ 0, or 0%☐  $1/4$ , or 25%

Definition

14 of 15

a(n) \_\_\_\_\_ is each observation of an action

☐ trial☐ event☐ outcome☐ instance

Definition

15 of 15

1 red marble, 3 green, 4 blue. what is the probability of not picking blue?

☐  $3/4$ ☐  $5/8$ ☐  $1/4$ ☐  $1/2$