

1. The spinner is spun, describe the likelihood of each event.

A) Landing on red

A) Landing on green or blue

B) Landing on black

C) Landing on yello or green

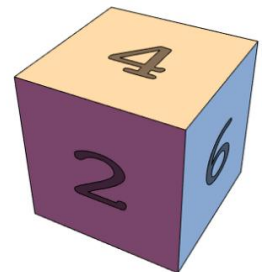


2. A number cube is rolled once. Describe the likelihood of each of the following.

A) Showing number 4.

B) Showing a number less than 4.

C) Showing number 3 or 4.



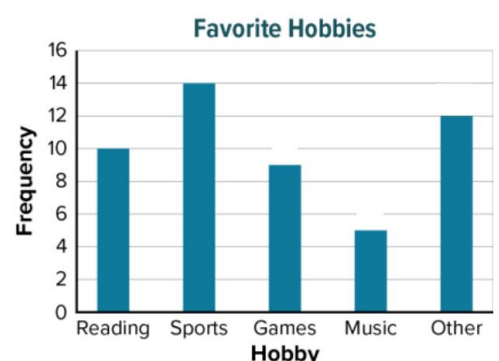
3. The frequency table shows the results of a survey about favorite types of vehicles.

Find the relative frequency as a percent that a randomly selected person's favorite vehicle was a truck.

Vehicle	Frequency
Car	220
Truck	150
Van	250
SUV	180

4. The graph shows the results of a survey about favorite hobbies.

Find the relative frequency that a randomly selected student's favorite hobby is reading or sports, as a fraction.



5. Each letter in the word HIPPOPOTAMUS is written on a piece of paper and placed into a hat. A letter is drawn at random. What is the theoretical probability of selecting the letter T or A ?

6. A box contains 3 blue tiles, 8 red tiles, 4 green tiles, and 7 yellow tiles. One tile is selected at random. What is the theoretical probability that it is not yellow?

7. A card is selected from a list of 18 cards numbered by 1 to 18. What is the theoretical probability of getting an odd number?

8. In a math class, there are 6 students with brown hair, 8 students with black hair, and 9 students with blonde hair? One student is selected at random. What is the sample space?

9. Suppose the spinner shown is spun 80 times Which graph best represents the results that can be expected from the spinner.

