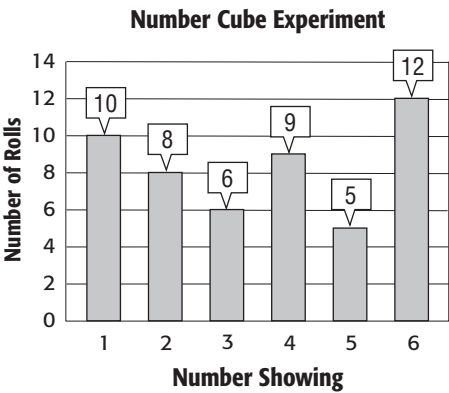


# Lesson 2 Skills Practice

## Theoretical and Experimental Probability

1. A number cube is rolled 50 times and the results are shown in the graph below.



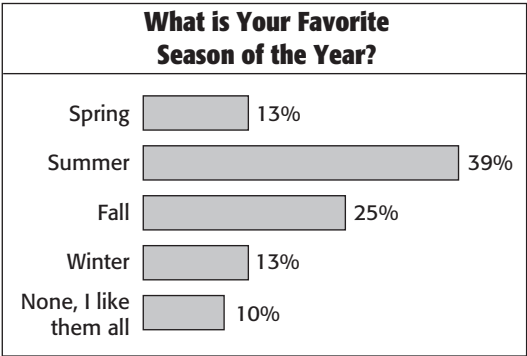
- a. Find the experimental probability of rolling a 2.

1\50
- b. What is the theoretical probability of rolling a 2?

8\50
- c. Find the experimental probability of *not* rolling a 2.

\
- d. What is the theoretical probability of *not* rolling a 2?
- e. Find the experimental probability of rolling a 1.

2. **SEASONS** Use the results of the survey at the right.



- a. What is the experimental probability that a person’s favorite season is fall? Write the probability as a fraction.

25
- b. Out of 300 people, how many would you expect to say that fall is their favorite season?

107
- c. Out of 20 people, how many would you expect to say that they like all the seasons? 

7
- d. Out of 650 people, how many more would you expect to say that they like summer more than they like winter?

603

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