

Name: _____

Date: _____

Two dice and two events

Write each probability as a fraction in simplest form.

1. A fair die is rolled twice. What is the probability of getting a 6 both times?

Answer: _____

2. A fair die is rolled twice. What is the probability of getting a 1 both times?

Answer: _____

3. Two fair dice are rolled. What is the probability that the sum is 9?

Answer: _____

4. Two fair dice are rolled. What is the probability that the sum is 10?

Answer: _____

5. A fair die is rolled twice. What is the probability of getting a 3 both times?

Answer: _____

6. Two fair dice are rolled. What is the probability that the sum is 5?

Answer: _____

7. A fair die is rolled twice. What is the probability of getting a 2 both times?

Answer: _____

8. Two fair dice are rolled. What is the probability that the sum is 4?

Answer: _____

9. Two fair dice are rolled. What is the probability that the sum is 12?

Answer: _____

10. Two fair dice are rolled. What is the probability that the sum is 8?

Answer: _____

Probability: Answer Key

1. $\frac{1}{36}$

2. $\frac{1}{36}$

3. $\frac{1}{9}$

4. $\frac{1}{12}$

5. $\frac{1}{36}$

6. $\frac{1}{9}$

7. $\frac{1}{36}$

8. $\frac{1}{12}$

9. $\frac{1}{36}$

10. $\frac{5}{36}$