Probability With a Pair of Dice

1) Find the probability of rolling a prime number on the first die and an even number
on the second.   _____

2) Find the probability of rolling an odd number on the first die and an even number
on the second die.   _____

3) Find the probability of rolling a 5 or less on the first die, and a 2 or less on the second die.   _____

4) Find the probability of rolling prime numbers on both dice.   _____

5) Find the probability of rolling an even number on both dice.   _____

6) Find the probability of rolling an odd number on the second die.   _____

7) Find the probability of rolling an odd number on both dice.   _____

8) Find the probability of not rolling prime numbers on both dice.   _____

9) Find the probability of rolling a 2 or greater on the first die, and a 4 or greater
on the second die.   _____

10) Find the probability of rolling the same number on both dice.   _____

Name : _____

Score : _____

Teacher : _____

Date : _____

Probability With a Pair of Dice

1) Find the probability of rolling a prime number on the first die and an even number on the second.

$\dfrac{1}{4}$

2) Find the probability of rolling an odd number on the first die and an even number on the second die.

$\dfrac{1}{4}$

3) Find the probability of rolling a 5 or less on the first die, and a 2 or less on the second die.

$\dfrac{5}{18}$

4) Find the probability of rolling prime numbers on both dice.

$\dfrac{1}{4}$

5) Find the probability of rolling an even number on both dice.

$\dfrac{1}{4}$

6) Find the probability of rolling an odd number on the second die.

$\dfrac{1}{2}$

7) Find the probability of rolling an odd number on both dice.

$\dfrac{1}{4}$

8) Find the probability of not rolling prime numbers on both dice.

$\dfrac{1}{4}$

9) Find the probability of rolling a 2 or greater on the first die, and a 4 or greater on the second die.

$\dfrac{5}{12}$

10) Find the probability of rolling the same number on both dice.

$\dfrac{1}{6}$