Name : _____ Score : _____

Teacher : _____ Date : _____

Probability With a Pair of Dice

1) Find the probability of not rolling factors of 3 on second die. _____

2) Find the probability of not rolling factors of 5 on both dice. _____

3) Find the probability of rolling the product 12. _____

4) Find the probability of not rolling a sum of 5. _____

5) Find the probability of rolling the difference of 1. _____

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

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

8) Find the probability of rolling multiples of 2 on both dice. _____

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

10) Find the probability of not rolling multiples of 2 on both dice. _____

Name : _____ Score : _____

Teacher : _____ Date : _____

Probability With a Pair of Dice

1) Find the probability of not rolling factors of 3 on second die. $\frac{2}{3}$

2) Find the probability of not rolling factors of 5 on both dice. $\frac{4}{9}$

3) Find the probability of rolling the product 12. $\frac{1}{9}$

4) Find the probability of not rolling a sum of 5. $\frac{8}{9}$

5) Find the probability of rolling the difference of 1. $\frac{5}{18}$

6) Find the probability of rolling a 3 or less on the first die, and a 2 or less on the second die. $\frac{1}{6}$

7) Find the probability of rolling an odd number on the second die. $\frac{1}{2}$

8) Find the probability of rolling multiples of 2 on both dice. $\frac{1}{4}$

9) Find the probability of not rolling prime numbers on both dice. $\frac{1}{4}$

10) Find the probability of not rolling multiples of 2 on both dice. $\frac{1}{4}$