Name : _____   Score : _____

Teacher : _____   Date : _____

Probability With a Pair of Dice

1) Find the probability of not rolling a sum of 10.   _____

2) Find the probability of not rolling the difference of 2.   _____

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

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

5) Find the probability of rolling factors of 5 on second die.   _____

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

7) Find the probability of not rolling the product 4.   _____

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

9) Find the probability of rolling the product 6.   _____

10) Find the probability of rolling factors of 4 on second die.   _____

Probability With a Pair of Dice

1) Find the probability of not rolling a sum of 10.
$$\frac{11}{12}$$

2) Find the probability of not rolling the difference of 2.
$$\frac{7}{9}$$

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

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

5) Find the probability of rolling factors of 5 on second die.
$$\frac{1}{3}$$

6) Find the probability of rolling a 2 or greater on the first die, and a 4 or greater on the second die.
$$\frac{5}{12}$$

7) Find the probability of not rolling the product 4.
$$\frac{11}{12}$$

8) Find the probability of rolling an odd number on both dice.
$$\frac{1}{4}$$

9) Find the probability of rolling the product 6.
$$\frac{1}{9}$$

10) Find the probability of rolling factors of 4 on second die.
$$\frac{1}{2}$$

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