

Name : _____

Score : _____

Teacher : _____

Date : _____

Probability With a Pair of Dice



1) Find the probability of not rolling factors of 6 on both dice. _____

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

3) Find the probability of not rolling a multiple of 5 on any of the die _____

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

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

6) Find the probability of rolling factors of 3 on both dice. _____

7) Find the probability of rolling factors of 6 on both dice. _____

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

9) Find the probability of rolling factors of 6 on second die. _____

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



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Probability With a Pair of Dice



$$\frac{5}{9}$$

1) Find the probability of not rolling factors of 6 on both dice.

$$\frac{8}{9}$$

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

$$\frac{25}{36}$$

3) Find the probability of not rolling a multiple of 5 on any of the die.

$$\frac{3}{4}$$

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

$$\frac{3}{4}$$

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

$$\frac{1}{9}$$

6) Find the probability of rolling factors of 3 on both dice.

$$\frac{4}{9}$$

7) Find the probability of rolling factors of 6 on both dice.

$$\frac{1}{3}$$

8) Find the probability of rolling factors of 5 on first die.

$$\frac{2}{3}$$

9) Find the probability of rolling factors of 6 on second die.

$$\frac{5}{18}$$

10) Find the probability of rolling the difference of 1.

