

NAME: _____

DATE: _____

TEACHER: _____

Probability With A Pair Of Dice Worksheet (6)



- 1) Find the probability of not rolling a sum of 10. _____
- 2) Find the probability of rolling factors of 6 on both dice. _____
- 3) Find the probability of rolling a sum of 6. _____
- 4) Find the probability of rolling divisors of 12 on both dice. _____
- 5) Find the probability of rolling a 4 or less on the first die, and a 2 or less on the second die. _____
- 6) Find the probability of rolling factors of 5 on both dice. _____
- 7) Find the probability of not rolling a multiple of 5 on one of the die. _____
- 8) Find the probability of not rolling factors of 4 on second die. _____
- 9) Find the probability of rolling the product 12. _____
- 10) Find the probability of not rolling factors of 2 on both dice. _____

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Probability With A Pair Of Dice Worksheet (6)



$$\frac{11}{12}$$

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

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

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

$$\frac{5}{36}$$

3) Find the probability of rolling a sum of 6.

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

4) Find the probability of rolling divisors of 12 on both dice.

$$\frac{2}{9}$$

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

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

6) Find the probability of rolling factors of 5 on both dice.

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

7) Find the probability of not rolling a multiple of 5 on one of the die.

$$\frac{1}{2}$$

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

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

9) Find the probability of rolling the product 12.

$$\frac{11}{12}$$

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