

Name : _____

Score : _____

Teacher : _____

Date : _____

Probability With a Pair of Dice



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

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

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

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

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

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

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

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

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

10) What is the total number of possible outcomes when rolling a pair of dice? _____



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Probability With a Pair of Dice



- 1) Find the probability of rolling prime numbers on both dice. $\frac{1}{4}$
- 2) Find the probability of not rolling prime numbers on both dice. $\frac{1}{4}$
- 3) Find the probability of rolling an odd number on the first die and an even number on the second die. $\frac{1}{2}$
- 4) Find the probability of rolling a 5 or less on the first die, and a 4 or less on the second die. $\frac{5}{9}$
- 5) Find the probability of rolling an even number on both dice. $\frac{1}{4}$
- 6) Find the probability of rolling an odd number on both dice. $\frac{1}{4}$
- 7) Find the probability of rolling an odd number on the second die. $\frac{1}{2}$
- 8) Find the probability of rolling the same number on both dice. $\frac{1}{6}$
- 9) Find the probability of rolling a prime number on the first die and an even number on the second. $\frac{1}{4}$
- 10) What is the total number of possible outcomes when rolling a pair of dice? 36

