

Name _____

Date _____

Probability Word Problems (Cards and Dice) Worksheet 1

1. You are rolling a pair of dice. What's the probability of getting the same number on both dice?
2. Rolling a single die, what is the probability of rolling an even number?
3. A number between 30 and 50 is chosen at random. What's the probability that the number contains at least one 4?
4. Find the probability of getting a sum of 6 when rolling a pair of dice.
5. How likely is it to choose a random number between 10 and 100 that is a multiple of 9?
6. Find the probability of getting an odd number greater than 2 when rolling a die.
7. You have two decks of cards and draw a card from each at random. What is the probability of drawing a number smaller than 5 from the first deck and a jack from the second one?
8. You are rolling two dice. Find the probability for getting a sum of at least 11.
9. Choose a number between 1 and 20 at random. Find the probability that the number is smaller than 5 or greater than 15.
10. You draw a card, put it back and draw a new one. What is the probability of drawing two aces?

