

Name: _____

Probability

The unusual die pictured at the right has 20 sides, numbered 1 through 20.



1. If you roll the die, what is the probability of rolling an odd number? _____
2. If you roll the die, what is the probability of rolling a number greater than 9? _____
3. If you roll the die, what is the probability of rolling a number less than 10? _____

There are 52 cards in a deck.
There are 4 suits.



~ PREVIEW ~

Please log in or register to download the printable version of this worksheet.



4. If you shuffle the deck of cards, and choose one at random, what is the probability that you will choose the queen of hearts? _____
5. If you shuffle the deck of cards, and choose one at random, what is the probability that you will choose a club? _____
6. If you shuffle the deck of cards, and choose one at random, what is the probability that you will choose a jack? _____
7. If you shuffle the deck of cards, and choose one at random, what is the probability that you will choose a black card? _____



ANSWER KEY

Probability

The unusual die pictured at the right has 20 sides, numbered 1 through 20.



1. If you roll the die, what is the probability of rolling an odd number? 10 out of 20
or 1 out of 2
2. If you roll the die, what is the probability of rolling a number greater than 9? 11 out of 20
3. If you roll the die, what is the probability of rolling a number less than 12? 9 out of 20

There are 52 cards in a deck.
There are 4 suits.



~ PREVIEW ~

Please log in or register to download the printable version of this worksheet.

4. If you shuffle the deck of cards, and choose one at random, what is the probability that you will choose the queen of hearts? 1 out of 52
5. If you shuffle the deck of cards, and choose one at random, what is the probability that you will choose a club? 13 out of 52
or 1 out of 4
6. If you shuffle the deck of cards, and choose one at random, what is the probability that you will choose a jack? 4 out of 52
or 1 out of 13
7. If you shuffle the deck of cards, and choose one at random, what is the probability that you will choose a black card? 26 out of 52
or 1 out of 2

