

Name \_\_\_\_\_

Score: \_\_\_\_\_

# 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 17? \_\_\_\_\_

3. If you roll the die, what is the probability of rolling a number less than 10? \_\_\_\_\_

There are 52 cards in the deck of playing cards pictures at the right. There are no jokers in the deck.



4. If you shuffle the deck of cards, and choose one at random, what is the probability that you will choose the king of spade? \_\_\_\_\_

5. If you shuffle the deck of cards, and choose one at random, what is the probability that you will choose a hearts? \_\_\_\_\_

6. If you shuffle the deck of cards, and choose one at random, what is the probability that you will choose a queen? \_\_\_\_\_



7. If you shuffle the deck of cards, and choose one at random, what is the probability that you will choose a red card? \_\_\_\_\_

Name \_\_\_\_\_

Score: \_\_\_\_\_

# Probability **Answers**

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 17? **3 out of 20**

3. If you roll the die, what is the probability of rolling a number less than 10? **9 out of 20**

There are 52 cards in the deck of playing cards pictures at the right. There are no jokers in the deck.

4. If you shuffle the deck of cards, and choose one at random, what is the probability that you will choose the king of spade? **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 hearts? **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 queen? **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 red card? **26 out of 52**  
or 1 out of 2

