

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 number divisible by 3? \_\_\_\_\_
2. If you roll the die, what is the probability of rolling a number greater than 12? \_\_\_\_\_
3. If you roll the die, what is the probability of rolling a number less than 9? \_\_\_\_\_

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 jack of diamonds?  
\_\_\_\_\_

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 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 number divisible by 3 ? **5 out of 20**

2. If you roll the die, what is the probability of rolling a number greater than 12? **8 out of 20**

3. If you roll the die, what is the probability of rolling a number less than 9? **8 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 jack of diamonds? **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 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**

