Name _____

1. List the number of cards in a deck of cards.   _____

2. List the number of red cards in a deck   _____

3. List the number of black cards in a deck.   _____

4. List the number of diamonds in a deck.   _____

5. List the number of hearts in a deck.   _____

6. List the number of spades in a deck.   _____

7. List the number of clubs in a deck.   _____

8. List the number of face cards in a deck..   _____

9. List the number of Jacks, Queens, Kings, and Aces in a deck.   _____

12. List the number of cards that are not face cards.   _____

1. What is the probability of drawing a red card from a deck of cards?_____

2. What is the probability of drawing a black card from a deck of cards?_____

3. What is the probability of drawing a heart from a deck of cards?_____

4. What is the probability of drawing a club from a deck of cards?_____

5. What is the probability of drawing a spade from a deck of cards?_____

6. What is the probability of drawing a diamond form a deck of cards?_____

7. What is the probability of drawing a Jack from a deck of cards?_____

8. What is the probability of drawing a Queen from a deck of cards?_____

9. What is the probability of drawing a King from a deck of cards?_____

10. What is the probability of drawing an Ace from a deck of cards?_____

11. What is the probability of drawing a card that is not a face card from a deck of cards?

More Probability Fun with Dice

For exercises 1-10, a green die and a red die, each with 6 sides are rolled.

1. In how many ways can the number cubes land?

2. In how many ways can the number cubes land so that their sum is 5?

3. What is the probability of rolling a sum of 5?

4. What is the probability of not rolling a sum of 5?

5. What is the probability that the numbers showing on the two dice will be the same?

6. What is the probability that the numbers on the two dice will be different?

7. What is the probability that exactly one of the numbers showing will be odd ? (This means one dice will be even and one dice will be odd)

8. What is the probability that both of the numbers showing will be odd?

9. What is the probability that neither of the numbers showing will be odd? (This means that both dice will be even)

10. What is the probability that at least one the numbers showing on the die will be divisible by 3?

1.   Find the probability of rolling a product less than 12.

2.   Find the probability of rolling a difference that is greater than 2.

3.   Find the probability of rolling a sum that is a multiple of 3.

4.   Find the probability of rolling a quotient of 1.

5.   Find the probability of rolling a product that is an odd number less than 10.

6.   Find the probability of rolling a quotient greater than 1.

7.   Find the probability of rolling a sum less than 6.

8.   Find the probability of rolling a division problem with a remainder of 1.

9.   Find the probability of rolling a difference greater than 3.

What is the probability of drawing a red card from a deck of cards?_____

. What is the probability of drawing a black card from a deck of cards?_____

. What is the probability of drawing a heart from a deck of cards?_____

. What is the probability of drawing a club from a deck of cards?_____

. What is the probability of drawing a spade from a deck of cards?_____

. What is the probability of drawing a diamond form a deck of cards?_____

. What is the probability of drawing a Jack from a deck of cards?_____

. What is the probability of drawing a Queen from a deck of cards?_____

. What is the probability of drawing a King from a deck of cards?_____

. What is the probability of drawing an Ace from a deck of cards?_____

. What is the probability of drawing a card that is not a face card from a deck of cards?