Name: _____   Date _____

Topic : Probability Word Problems- Worksheet 1
What is the probability?

1. Jill is playing cards with her friend when she draws a card from a pack of 20 cards numbered from 1 to 20. What is the probability of drawing a number that is square?

2. Each of the letters in the word SAMSUNG are on separate cards, face down on the table. If you pick a card at random, what is the probability that its letter will be S or U?

3. A magician showed a magic trick where he picked one card from a standard deck. Determine what the probability is that the card will be a queen card?

4. A bag contains ten black marbles, twenty white marbles, and five grey marbles. You pick one without looking. What is the probability that the marble will be either white OR black?

5. You ask a friend to think of a number from four to twelve. What is the probability that his number will be 8?

6. Each of letters in the word are on separate cards, face down on the table. If you pick a card at random, what is the probability that its letter will be L or E?

7. You roll a SIX sided die. What is the probability that the value of the roll will be one?

8. A bag contains 5 blue sticks, 4 red sticks, and 3 orange sticks and you ask a friend to pick one without looking. What is the probability that the stick will be blue?

9. You think of a number from the first twenty negative integers. What is the probability that the integer chosen will be divisible by 4?

10. When a six sided die is rolled then what is the probability that the number rolled will be five?

Name: _____   Date _____

Topic : Probability Word Problems- Worksheet 2

What is the probability?

1. Jolly is playing cards with her friend when she draws a card from a pack of 30 cards numbered from 1 to 30. What is the probability of drawing a number that is square?

2. Each of the letters in the word APPLE is on separate cards, face down on the table. If you pick a card at random, what is the probability that its letter will be A or L?

3. A magician showed a magic trick where he picked one card from a standard deck. Determine what the probability is that the card will be a black queen card?

4. A bag contains five red marbles, fifteen black marbles, and ten white marbles. You pick one without looking. What is the probability that the marble will be either red OR white?

5. You ask a friend to think of a number two to eleven. What is the probability that his number will be 5?

6. Each of letters in the word OPPORTUNITIES are on separate cards, face down on the table. If you pick a card at random, what is the probability that its letter will be O or I?

7. You roll a SIX sided die. What is the probability that the value of the roll will be six?

8. A bag contains 6 purple sticks, 2 orange sticks, and 4 black sticks and you ask a friend to pick one without looking. What is the probability that the stick will be purple?

9. You think of a number from the first thirty negative integers. What is the probability that the integer chosen will be divisible by 5?

10. When a six sided die is rolled then what is the probability that the number rolled will be 4?