

Name: _____ Period: _____

Probability Practice

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 ten or less?
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 of cards. 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 two separate times. Determine the probability of rolling a four and then rolling a three.
8. A bag contains 6 purple sticks, 2 orange sticks, and 4 black sticks of equal size and shape. You ask a friend a stick and NOT REPLACE it. Your friend is then asked to pick another one. What is the probability that your friend will pick a purple stick, and then an orange stick?