

Topic : Probability Word Problems- Worksheet 3

What is the probability?

1. Mike is playing cards with his sister when he draws a card from a pack of 35 cards numbered from 1 to 35. What is the probability of drawing a number that is divisible by 5?
2. Each of the letters in the word CALCULATOR 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 C 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 red color queen card?
4. A bag contains fifteen red balls, twelve pink balls, and eight yellow balls. You pick one without looking. What is the probability that the balls will be either yellow OR pink?
5. You ask a friend to think of a number from two to twelve. What is the probability that his number will be 4?
6. Each of letters in the word MAGICIAN 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 I or M?
7. You roll a SIX sided die. What is the probability that the value of the roll will be four?
8. A bag contains 3 green marbles, 5 blue marbles, and 8 red marbles and you ask a friend to pick one without looking. What is the probability that the marbles will be green?
9. You think of a number from the first twenty positive 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 two?