

Probability Worksheet for Class 10

1. A coin is tossed once, what is the probability of getting a head
2. A die is thrown once, find the probability of getting an even number and a multiple of 3,
3. Two dice are thrown at the same time, find the probability that the sum of two numbers appearing on the top of the dice is more than nine.
4. A bag contains 5 red balls and some blue balls. If the probability of drawing a blue ball from the bag is thrice that of a red ball, find the number of blue balls in the bag.
5. One card is drawn at random from a well shuffled deck of 52 cards. Find the probability that the card drawn is a king, a red 8, a spade, a red card, the six of the club and a face card.
6. One card is drawn at random from a well shuffled deck of 52 cards. Find the probability that the card drawn is either a red card or a king and neither a red card nor a queen.
7. A coin is tossed twice, what is the probability of getting tails.
8. A letter of English alphabet is chosen at random, determine the probability that the chosen letter is a consonant.
9. In a family of three children, find the probability of having at least one boy.
10. Two dice are rolled together, find the probability of getting such number on the dice whose product is twelve.