

# 15 Maths Probability

Grade - 9

Practice Worksheet

## Very short answer

1. What is the Probability of a sure event?
2. A and B are complementary events. Write the value of  $P(A) + P(B)$ ?
3. Write expression for probability?
4. What is the probability of an impossible event?

## Short answer

1. If probability of winning a game is 0.75, what is the probability of losing it?
2. What is the probability that two friends have same birthday?
3. A bag contains 200 pens out of which 40 are defective. A pen is drawn at random from the bag, find the probability that it is defective.
4. A coin is tossed once. Find the probability of getting a head.

## Long answer

1. A bag contains 5 black balls, 4 red balls and 3 blue balls. A ball is drawn at random from the bag, without looking in the bag, find the probability that it is a blue ball?
2. Find probability of getting 53 Saturdays in a year?
3. Two coins are tossed. Find probability of getting at least one tail?
4. A dice is rolled once. Find probability of getting a prime number?