

St. Andrews Scots Sr. Sec. School

9th Avenue, I.P. Extension, Patparganj, Delhi – 110092

Session: 2024-2025 - Worksheet

Class:VIII **Subject:Maths** **Topic:Probability**

- Q1. What is the probability of occurrence of an event?
- Q2. A coin is tossed 125 times and head is obtained 64 times. Now, if a coin is tossed at random, what is the probability of getting a head?
- Q3. A coin is tossed 200 times and tails obtained 128 times. Now, if a coin is tossed at random, what is the probability of getting a tail?
- Q4. In 60 throws of a dice, 6 is obtained 24 times. Now, in a random throw of a dice, what is the probability of getting 6?
- Q5. In 100 throws of a dice, 5 is obtained 42 times. In a random throw of a dice, what is the probability of getting 5?
- Q6. In 150 throws of a dice, 2 is obtained 76 times. In a random throw of a dice, what is the probability of getting 2?
- Q7. In 2010, there was a survey of 200 people, it was found that 82 like orange juice while 118 dislike it. From these people, one is chosen at random. What is the probability that the chosen person dislikes orange juice?
- Q8. In a box there are 10 non-defective and some defective bulbs. If the probability that a bulb selected at random from the box to be defective is $\frac{2}{7}$ then find the number of defective bulbs.
- Q9. A bag contains 5 white balls and some black balls. If the probability of drawing a black ball from the bag is twice the probability of drawing a white ball then find the number of black balls.
- Q10. A bag contains 4 red balls, 6 green balls and some white balls. If the probability of not drawing a white ball in one draw be $\frac{2}{3}$ then find the number of white balls.