

National Institute of Open Schooling (NIOS)
Secondary Course
Lesson –26: Introduction to Probability
Worksheet – 26

1. A dice is thrown once. Find the probability of getting the number other than 5 and 3.
2. Two dices are thrown simultaneously. Find the probability of getting
 - i. Same number on both dice.
 - ii. A total of 10.
3. A coin is tossed two times. find the probability of getting
 - i. At most one head
 - ii. At least one head
4. A coin is tossed 3 times. List the possible outcomes. Find the probability of getting—
 - (i) All heads
 - (ii) at least 2 heads.
5. From a pack of 52 cards, a card is drawn at randomly. Find out the probability of this card to be a queen.
6. A bag contains 10 red, 5 blue and 7 green balls. A ball is drawn at random. find the probability of this ball being a
 - (i) red ball
 - (ii) not a green ball
7. An integer is chosen between 0 and 100. What is the probability that it is
 - (i) divisible by 5
 - (ii) not divisible by 7
8. A letter of English alphabets is chosen at random determine the probability that it is a
 - (i) Consonant
 - (ii) vowel
9. A whole number is chosen between 0 to 25. Find out the probability that chosen whole number is a prime number.
10. Find out the probability of a number 3 that will not come up in single throw of a die.