Name - _ _ _ _ _ _ _ _ _   Start time - _ _ : _ _   End time - _ _ : _ _

Find the probability.

1. An anti – aircraft gun takes a maximum of four shots at an enemy plane moving away from it . The probabilities of hitting the plane at the first , second , third and fourth shot are 0.4 , 0.3 , 0.2 and 0.1 respectively . what is the probability that the gun hits the plane ?

2. A bag contains 5 red balls, 8 white balls, 4 green balls and 7 black balls . A ball is drawn at random from the bag . Find the probability that it is black .

3. In a throw of two dice , Find the chance of getting a total of 3 or 6 or 12 .

4. Three critics review a book . odds in favour of the books are 5 : 2 , 4 : 3 & 3 : 4 respectively for the three critics . Find the probability that majority are in favour of the book .

5. A dice is thrown once . Find the probability of getting
   (i) a number greater than 3 (ii) a number less than 5

6. Two dice are thrown simultaneously . find the probability of getting an odd pair .

1   2   3   4   5   6   7   8   9