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

Find the probability.

1. A bag contains 3 red balls , 5 black balls and 4 white balls . A ball is drawn at random from the bag . what is the probability that ball drawn is (i) White (ii) Red   (iii) Black .

2. If three coins are tossed , represent the sample space for the event of getting two heads and one tail and also find the number of elements in them .

3. 30 tickets numbered 1 to 30 . one ticket is drawn at random write the sample space for which the number on the card is multiple of 3 .

4. A problem in mathematics is given to three students whose chances of solving it are respectively $1/2$, $1/3$, $1/4$. what is the probability that the problem will be solved ?

5. if two dice are thrown at random , find the probability of following events

   (i) the sum of the numbers coming up is 7 .

   (ii) the two numbers coming up are equal .

   (iii) the difference of the numbers coming up is 2 .

1   2   3   4   5   6   7   8   9