Board – ICSE	Class – 8th	Topic – Probability

1. What is the probability of occurrence of an event?
2. 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?
3. A corn 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?
4. 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?
5. 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?
6. 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?
7. 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 people dislike orange juice?
8. When 3 unbiased coins are tossed once. What is the probability of:
   (i)   getting at least 1 head
   (ii) getting at least 2 heads
   (iii) getting atmost 2 heads
9. A letter is chosen from the word 'TRIANGLE'. What is the probability that it is a vowel?
10. A die is thrown once. The probability of getting not a multiple of 3.

ANSWER

2. $\dfrac{64}{125}$

3. $\dfrac{16}{25}$

4. $\dfrac{2}{5}$

5. $\dfrac{21}{50}$

6. $\dfrac{38}{75}$

7. $\dfrac{59}{100}$

8. (i) $\dfrac{7}{8}$

   (ii) $\dfrac{1}{2}$

   (iii) $\dfrac{7}{8}$

9. $\dfrac{3}{8}$

10. $\dfrac{2}{3}$