PROBABILITY

10 MCQs for Class 10

1 A coin is tossed once. What is the probability of getting a head?

- (A) 0
- (B) 1/4
- (C) 1/2
- (D) 1

2 A die is thrown once. What is the probability of getting 4?

- (A) 1/4
- (B) 1/6
- (C) 1/3
- (D) 1/2

3 A card is drawn from a standard deck of 52 cards. What is the probability of drawing a king?

- (A) 1/13
- (B) 1/4
- (C) 4/13
- (D) 1/52

4 A bag contains 5 red balls and 3 blue balls. What is the probability of drawing a blue ball?

- (A) 3/8
- (B) 5/8
- (C) 1/2
- (D) 3/5

5 When a die is rolled, what is the probability of getting an even number?

- (A) 1/6
- (B) 1/3
- (C) 1/2
- (D) 2/3

6 Two coins are tossed simultaneously. What is the probability of getting two heads?

- (A) 1/4
- (B) 1/2
- (C) 3/4
- (D) 1

7 A card is drawn from a deck of 52 cards. What is the probability of drawing a heart?

- (A) 1/2
- (B) 1/4
- (C) 1/13
- (D) 1/52

8 A die is thrown once. What is the probability of getting a number greater than 4?

- (A) 1/6
- (B) 1/3
- (C) 1/2
- (D) 2/3

9 The probability of an impossible event is:

- (A) 0
- (B) 1
- (C) 1/2
- (D) 2

10 The probability of a sure event is:

- (A) 0
- (B) 1/2
- (C) 1
- (D) 2

Remember:

$$\text{Probability} = \frac{\text{Favourable Outcomes}}{\text{Total Outcomes}}$$

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LIVEWORKSHEETS