

Class 10 Mathematics - Probability

Name: _____

Date: _____

Medium Worksheet 4

Questions

1. There are 40 students in a class, of whom 25 are girls and 15 are boys. One student is selected at random. Find the probability that the selected student is a girl.
2. Find the probability that the selected student is a boy.
3. A box contains 3 blue, 2 white and 4 red marbles. Find the probability of drawing a blue marble.
4. Find the probability of drawing a white marble.
5. Find the probability of drawing a red marble.
6. A card is drawn from a deck of 52 cards. Find the probability of drawing a red card.

Answer Key

1. $25/40 = 5/8$
2. $15/40 = 3/8$
3. $3/9 = 1/3$
4. $2/9$

5. $\frac{4}{9}$

6. $\frac{26}{52} = \frac{1}{2}$

