

Name

Class

Roll No.

Time
40 min.Max.
Marks
25Marks
Obtained

1. Find the ratio of the following:

- (i) 21 hours to 49 hours
- (ii) 75 cm to 3 metres
- (iii) A dozen to a score.

(3)

Find the ratio of 250 g to 5 kg.

(2)

3. Out of a total of 1450 students in a school, 1000 went for the picnic. Find the ratio of:

- (i) Students who went for the picnic to total students.
- (ii) Students who did not go for the picnic to those who went for the picnic. (3)

4. Write the middle terms and the extreme terms if the numbers 1 kg : 40 g and 625 g : 25 g are in proportion.

5. A scooter needs 3 litres of petrol to cover 90 km. How many litres of petrol is required to cover 120 km? (2)

6. A car travels 90 km in $2\frac{1}{2}$ hours.

- (i) How much time is required to cover 40 km with the same speed?
(ii) Find the distance covered in 3 hours with the same speed. (3)

7. Check whether the following are in proportion or not:

- (i) 2 : 9 and 18 : 81
(ii) ₹ 10 to ₹ 15 and 4 to 6. (2)

8. Divide ₹ 60 in the ratio 1 : 2 between Bulbul and Kanika. (2)

9. Give two equivalent ratios of 6 : 4. (2)

10. A man travels 35 km in 2 hours. With the same speed, would he be able to travel 70 km in 4 hours? (2)

11. Fill in the boxes: (2)

$$\frac{14}{21} = \frac{\square}{3} = \frac{6}{\square}$$