

CBSE Worksheet-49

CLASS – VI Mathematics (Ratio and Proportion)

Choose correct option in questions 1 to 5.

1. Ravi walks 6 km in an hour while Roshan walks 4 km in an hour. What is the ratio of the distance covered by Ravi to the distance covered by Roshan?
 - a. 2:3
 - b. 3:2
 - c. 1:2
 - d. 3:1
2. There are 24 girls and 16 boys going for a picnic. Find the ratio of the number of girls to the number of boys.
 - a. 2:3
 - b. 3:2
 - c. 3:5
 - d. 2:5
3. A motorbike travels 220 km in 5 litres of petrol. How much distance will it cover in 1.5 litres of petrol?
 - a. 44 km
 - b. 55 km
 - c. 66 km
 - d. 77 km
4. A car travels 90 km in $2\frac{1}{2}$ hours. Find the distance covered in 2 hours with the same speed.
 - a. 62 km
 - b. 66 km
 - c. 68 km
 - d. 72 km
5. Length of a pencil is 18 cm and its diameter is 8 mm. What is the ratio of the diameter of the pencil to that of its length?
 - a. 2:45
 - b. 45:2
 - c. 1:45
 - d. 45:1

Fill in the blanks:

6. If two ratios are _____, we say that they are in proportion.
7. The value of the variable in an equation which satisfies the equation is called a _____ to the equation.
8. There are 20 girls and 15 boys in a class.
 - a. What is the ratio of number of girls to the number of boys?
 - b. What is the ratio of number of girls to the total number of students in the class?
9. Find the ratio of the following:
 - a. 30 minutes to 45 minutes
 - b. 55 paise to Re 1
10. Mother wants to divide Rs 36 between her daughters Shreya and Bhoomika in the ratio of their ages. If age of Shreya is 15 years and age of Bhoomika is 12 years, find how much Shreya and Bhoomika will get.

Answer key:

1. a
2. b
3. c
4. d
5. a
6. equal
7. solution
8. a. 4:3
b. 4:7
9. a. 2:3
b. 11:20
10. Shreya = Rs 20
Bhoomika = Rs 16