

Ratio and Proportion: Worksheet -6

1.If the cost of six pens is Rs.60 , which of the following is the cost of 10 such pens? []

- a) 10 b) 100 c) 600 d) 6

2. If the cost of 6 cans of juice is Rs 210, then what will be the cost of 4 cans of juice? []

- a) Rs 100 b) Rs 120 c) Rs 140 d) Rs 160

3. A car travels 90 km in $2\frac{1}{2}$ hours. Find the distance covered in 3 hours with the same speed. []

- a) 56 km b) 72 km c) 96 km d) 108 km

4. 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

5. A bus travels 150 km in $2\frac{1}{2}$ hours. Find the distance covered in 6 hours with the same speed. []

- a) 360 km b) 300 km c) 375 km d) 400 km

6. If the cost of a dozen soaps is Rs 153.60, what will be the cost of 15 such soaps ? []

- a) Rs 150 b) Rs 180 c) Rs 192 d) Rs 200

7. In a proportion if means are equal then the proportion is called_____.



8. The missing number of the proportion $24 : 18 = \underline{\hspace{1cm}} : 9$
9. If 8, x , 2 are in mean proportion then $x = \underline{\hspace{1cm}}$
10. If 9, 2, 18, x are in proportion then $x = \underline{\hspace{1cm}}$
11. Second and third terms are known as $\underline{\hspace{1cm}}$ in proportion.
12. First and fourth terms are known as $\underline{\hspace{1cm}}$ in proportion.
13. Arrange 4, 27, 12 and 9 in proper form if they are in proportion
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14. Arrange 10, 15, 6 and 4 in proper form if they are in proportion
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