Comparing Quantities: 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 = ___ : 9

9. If 8, x, 2 are in mean proportion then x = _____.

10. If 9, 2, 18, x are in proportion then x = _____.

11. Second and third terms are known as _____ in proportion.

12. First and fourth terms are known as _____ in proportion.

13. Arrange 4, 27, 12 and 9 in proper form if they are in proportion _____

14. Arrange 10, 15, 6 and 4 in proper form if they are in proportion _____