Ratio and Proportion – 2

1. 4 : 5 = 12 : 20, Mark True / False.

2. 3 : 5 = 18 : 30, Mark True / False.

3. 9 : ___ = 3 : 5, fill in the blank.

4. ___ : 5 = 10 : 25, fill in the blank.

5. Find the fourth term of the proportion whose first three terms are mentioned below.

     3, 2, 9

6. Find the missing term of the proportion whose three terms are mentioned below.

     8, ___, 32 , 12

7. Arrange the following numbers so that they are in proportion.

     35, 18, 15, 42

8. Below given ratios form a proportion, mark True / False.

     6 : 4 and 12 : 18

9. Mark True / False.

     21 : 6 :: 35 : 10

10. Determine if the following ratio form a proportion.

     25 cm : 1 m and Rs. 40 : Rs. 160

11. Determine if the following ratio form a proportion.

     2 kg : 70 kg and 30 sec : 5 minutes

12. A rectangular field is 80 m long and 60 m wide. Find the ratio of it's length to perimeter.

13. The ratio of the length to the breadth of a rectangular field is 7 : 5. Find the length of the ground, if its breadth is 25 m.

14. The ratio of the number of apples to the oranges in a shop is 8 : 7. If there are 63 oranges, how many apples are there in the shop?

15. X, Y and Z are in the ratio 6 : 5 : 12. If the value of X is 60, then find out the sum of Y and Z.