1. If 50 : 40 :: 100 : x, then what is the value of x?
    a. 80
    b. 100
    c. 110
    d. 150
2. Ratio equivalent to 3:7 is ____
    a. 9:18
    b. 9:21
    c. 4:16
    d. 4:24
3. Simplest form of 30:5 is ___
    a. 5:1
    b. 6:1
    c. 7:1
    d. 8:1
4. Simplest form of 343:49 is ____.
    a. 5:1
    b. 6:1
    c. 7:1
    d. 8:1
5. If 60 : x :: 100 : 300, then what is the value of x?
    a. 80
    b. 100
    c. 110
    d. 180
6. If 24 : 60 :: x : y and y = 5, then what is the value of x?
    a. 2
    b. 5
    c. 7
    d. 9
7. If 14 : 700 :: x : y and y = 100, then what is the value of x?

a. 2
b. 5
c. 7
d. 9

8. Find y in 35 : 70 :: 45 : y?
   a. 45
   b. 70
   c. 90
   d. 120

9. Ratio of 75 paisa to ₹6 is –
   a. 1:10
   b. 1:8
   c. 1:9
   d. 1:15

10. Ratio of (25 + 35) to (45 + 55) is –
    a. 2:5
    b. 1:5
    c. 3:5
    d. 4:5

11. Divide ₹400 between Anil and Sneha in the ratio of 2:8?
12. 12 men can construct a house in 60 days. In how many days 30 men can complete the same house?
13. Two numbers are in the ratio 3:5 and their sum is 1600. Find the two numbers?
14. Compare whether ratio $\frac{240}{600}$ is bigger or smaller than $\frac{1}{5}$?
15. Divide ₹54000 among A, B, C in the ratio 3:6:9?
16. If 10:x::x:250, then what is the value of x?
17. If cost of wheat is ₹22.5 per kg and the cost of rice is ₹45 per kg, then what is the ratio between the cost of the two?
18. If cost of bike is ₹50,000 per piece and the cost of car is ₹3,50,000 per piece, then what is the ratio between the cost of the two?
19. Meenakshi and Shefali invested some money in the ratio of 4:5 in a business. If they earned a profit of ₹90,000, then what will be the share of Meenakshi in it?

20. Satish and Manish scored runs in a cricket tournament in the ratio of 6:8. If the total runs scored by them in the tournament are 1400, then find the total runs scored by Manish in the tournament?