
	<b>Selvam College Of Technology, Namakkal (Autonomous) IT Support &amp; Development Training Programme (ISDTP)</b>	
<b>Worksheet -4 (Ratio)</b>		
<b>Bundle &amp; Subject Name</b>	Office Productivity Bundle V2 (2025) – Aptitude (Level-2)	<b>Semester</b> II

### Answer key.

1. If a: b is 3:5 and b:c is 2:3, then a: b:c is \_\_\_\_.

A) 3:10:15                      B) 6:10:3  
C) 3:10:5                      D) 6:10:15

**ANS: D) 6:10:15**

2. If  $1/x : 1/y : 1/z$  is 2: 3: 5, then x: y: z is \_\_\_\_.

A) 2:3:5                      B) 5:3:2  
C) 15:10:6                      D) 15:10:9

**ANS: C) 15:10:6**

3. If  $4P=6Q=9R$  then, find P: Q: R.

A) 15:13:10                      B) 9:6:4  
C) 4:6:9                      D) 16:36:81

**ANS: B) 9:6:4**

4. The speeds of the three cars are in the ratio 5:4:6. The ratio between the time taken by them to travel the same distance is \_\_\_\_.

A) 5:4:6                      B) 6:4:5  
C) 10:12:15                      D) 12:15:10

**ANS: D) 12:15:10**

5. What is the duplicate ratio of 4:3?

A) 4:3                      B) 16:3  
C) 16:9                      D) 64:27

**ANS: C) 16:9**

6. The difference between two numbers is 46 and their ratio is 5:3.

Find the smaller number.

A) 69                      B) 63  
C) 46                      D) 36

**ANS: A) 69**

7. A certain sum of money is divided between x and y in the ratio of 4:3.

If the share of y is Rs 3600, find total amount.

A) 8000                      B) 7200  
C) 6000                      D) 8400

**ANS: D) 8400**

8. What is the sub-triplicate ratio of 64:216?

A) 4:6                      B) 8:6  
C) 12:24                      D) 6:32

**ANS: A) 4:6**

9. Of the three numbers, the ratio of the first and the second is 2:3 and that of the second and third is 4:5. If the sum of all the three numbers are 140, then what is the second number?

A) 60                      B) 48  
C) 96                      D) 32

**ANS: B) 48**

10. If a: b is 2:8, b:c is 4:14, and c: d is 7:3, then a: d is \_\_\_\_.

A) 3: 4                      B) 2: 8  
C) 1: 6                      D) 3: 15

**ANS: C) 1: 6**