
	Selvam College Of Technology, Namakkal (Autonomous) IT Support & Development Training Programme (ISDTP)		
Worksheet -5 (Proportion)			
Bundle & Subject Name	Intermediate Bundle V2 (2025) – Aptitude (Level-2)	Semester	IV

Answer key.

1. Find the fourth proportional (x) to 8: 9:: 72: x.

A) 81 B) 92
C) 80 D) 90

Ans: A) 81

2. The third proportion of 10 and 20 is ____.

A) 40 B) 200
C) 10 D) 20

Ans: A) 40

3. Find the mean proportional to 81 and 25.

A)35 B) 45
C) 55 D) 65

Ans: B) 45

4. A box contains 1 rupee, 50p, and 25p coins in a ratio of 1:2:4. If the number of 50p coins is 30, how much money is there in the box?

A) ₹35 B) ₹40
C) ₹45 D) ₹50

Ans: C) ₹45

5. If (a+b): (a-b) = 5:3 then the value of a: b is ____.

A) 4:3 B) 1:3
C) 3:2 D) 4:1

Ans: D) 4:1

6. If A: B = $\frac{1}{2} : \frac{3}{8}$. B:C = $\frac{1}{3} : \frac{5}{9}$ and C:D = $\frac{5}{6} : \frac{3}{4}$ then the ratio of A:B:C:D is

A) 4:6:8:10 B) 6:4:8:10
C) 6:8:9:10 D) 8:6:10:9

Ans: D) 8:6:10:9

7. In a mixture of 40 liters, the ratio of milk and water is 4: 1. How much water must be added to this mixture so that the ratio of milk and water becomes 2: 3?

A) 40 liters B) 32 liters
C) 20 liters D) 30 liters

Ans: A) 40 liters

8. Krishna ate $\frac{1}{3}$ of a pizza and Devshya ate $\frac{2}{5}$ of the Pizza. What fraction of the pizza is left uneaten?

A) $\frac{3}{15}$ B) $\frac{4}{15}$
C) $\frac{2}{5}$ D) $\frac{3}{5}$

Ans: B) $\frac{4}{15}$

9. The ratio of income of two workers A and B is 3: 4. The ratio of expenditure of A and B is 2: 3. Find the ratio of savings of A and B.

A) 5:7 B) 1:1
C) 1:2 D) 3:2

Ans: B) 1:1

10. There are 45 people in the office. Out of which female employees are 25 and the remaining are male employees. Find the ratio of males to females.

A) 5:4 B) 4:5
C) 2:5 D) 5:2

Ans: B) 4:5