



1. Find the missing value in the equation $\underline{\quad} : 6 = 20 : 5$

- (i) 27 (ii) 25 (iii) 21 (iv) 24 (v) 23

2. Find the missing value in the equation $40 : \underline{\quad} = 12 : 3$

- (i) 10 (ii) 7 (iii) 11 (iv) 13 (v) 9

3. Find the missing value in the equation $4 : 1 = \underline{\quad} : 5$

- (i) 23 (ii) 19 (iii) 21 (iv) 20 (v) 17

4. Find the missing value in the equation $18 : 3 = 54 : \underline{\quad}$

- (i) 11 (ii) 6 (iii) 10 (iv) 9 (v) 8

5. Find the product of extremes of $9 : 12$ and $9 : 3$

- (i) 108 (ii) 27 (iii) 30 (iv) 24 (v) 26

6. Find the product of extremes of $\frac{8}{9} : \frac{20}{3}$ and $\frac{11}{20} : \frac{8}{5}$

- (i) $\frac{22}{15}$ (ii) $\frac{64}{43}$ (iii) $\frac{11}{3}$ (iv) $\frac{64}{45}$ (v) $\frac{62}{45}$

7. Find the product of means of $12 : 7$ and $18 : 12$

- (i) 125 (ii) 124 (iii) 128 (iv) 126 (v) 144

8. Find the product of means of $\frac{14}{9} : \frac{18}{13}$ and $\frac{8}{3} : \frac{7}{20}$

- (i) $\frac{46}{13}$ (ii) $\frac{48}{11}$ (iii) $\frac{50}{13}$ (iv) $\frac{48}{13}$ (v) $\frac{49}{90}$

9. Which of the ratios is proportional to $30 : 5$?

- (i) 48:8 (ii) 48:5 (iii) 49:8 (iv) 47:8 (v) 48:10

10. A ratio is equal to $1 : 3$. If its antecedent is 770, what is its consequent?

- (i) 2308 (ii) 2309 (iii) 2311 (iv) 2310 (v) 2313

11. A ratio is equal to $1 : 1$. If its consequent is 2520, what is its antecedent?

- (i) 2520 (ii) 2522 (iii) 2517 (iv) 2519 (v) 2521

12. Find the number which bears the same ratio to $\frac{1}{7}$ that $\frac{5}{6}$ does to $\frac{25}{126}$

- (i) $\frac{1}{5}$ (ii) $\frac{3}{7}$ (iii) $\frac{3}{5}$ (iv) 1

Assignment Key

1) (iv)

2) (i)

3) (iv)

4) (iv)

5) (ii)

6) (iv)

7) (iv)

8) (iv)

9) (i)

10) (iv)

11) (i)

12) (iii)