



1. Find the missing value in the equation $___ : 7 = 16 : 4$

- (i) 29 (ii) 27 (iii) 28 (iv) 30 (v) 26

2. Find the missing value in the equation $38 : ___ = 266 : 7$

- (i) 1 (ii) 0 (iii) (-2) (iv) 3 (v) 2

3. Find the missing value in the equation $33 : 1 = ___ : 5$

- (i) 165 (ii) 163 (iii) 164 (iv) 166 (v) 167

4. Find the missing value in the equation $6 : 1 = 30 : ___$

- (i) 6 (ii) 2 (iii) 7 (iv) 5 (v) 4

5. Find the product of extremes of $20 : 2$ and $1 : 13$

- (i) 263 (ii) 259 (iii) 2 (iv) 257 (v) 260

6. Find the product of extremes of $\frac{18}{5} : \frac{9}{2}$ and $\frac{13}{3} : \frac{13}{4}$

- (i) $\frac{117}{8}$ (ii) $\frac{23}{2}$ (iii) $\frac{117}{10}$ (iv) $\frac{39}{2}$ (v) $\frac{119}{10}$

7. Find the product of means of $9 : 5$ and $6 : 3$

- (i) 27 (ii) 29 (iii) 33 (iv) 30

8. Find the product of means of $\frac{15}{2} : \frac{15}{16}$ and $\frac{9}{5} : \frac{5}{17}$

- (i) $\frac{75}{34}$ (ii) $\frac{25}{16}$ (iii) $\frac{27}{16}$ (iv) $\frac{29}{16}$ (v) $\frac{27}{14}$

9. Which of the ratios is proportional to $32 : 8$?

- (i) 23:6 (ii) 24:3 (iii) 24:8 (iv) 24:6 (v) 25:6

10. A ratio is equal to $1 : 1$. If its antecedent is 4900, what is its consequent?

- (i) 4900 (ii) 4899 (iii) 4898 (iv) 4901 (v) 4903

11. A ratio is equal to $7 : 17$. If its consequent is 4590, what is its antecedent?

- (i) 1891 (ii) 1892 (iii) 1889 (iv) 1888 (v) 1890

12. Find the number which bears the same ratio to $\frac{1}{3}$ that $\frac{2}{7}$ does to $\frac{8}{63}$

- (i) $\frac{3}{2}$ (ii) $\frac{1}{2}$ (iii) $\frac{5}{4}$ (iv) $\frac{1}{4}$ (v) $\frac{3}{4}$

Assignment Key

1) (iii)	2) (i)	3) (i)	4) (iv)	5) (v)	6) (iii)
7) (iv)	8) (iii)	9) (iv)	10) (i)	11) (v)	12) (v)