



1. Find the missing value in the equation  $\_\_\_ : 5 = 18 : 3$

- (i) 27 (ii) 31 (iii) 30 (iv) 32 (v) 29

2. Find the missing value in the equation  $30 : \_\_\_ = 30 : 5$

- (i) 4 (ii) 5 (iii) 8 (iv) 6 (v) 2

3. Find the missing value in the equation  $28 : 7 = \_\_\_ : 8$

- (i) 31 (ii) 29 (iii) 35 (iv) 33 (v) 32

4. Find the missing value in the equation  $26 : 1 = 234 : \_\_\_$

- (i) 10 (ii) 8 (iii) 9 (iv) 6 (v) 12

5. Find the product of extremes of  $4 : 14$  and  $10 : 8$

- (i) 30 (ii) 140 (iii) 32 (iv) 35 (v) 31

6. Find the product of extremes of  $\frac{1}{10} : \frac{17}{7}$  and  $\frac{1}{14} : \frac{11}{12}$

- (i)  $\frac{11}{120}$  (ii)  $\frac{17}{98}$  (iii)  $\frac{11}{118}$  (iv)  $\frac{3}{40}$  (v)  $\frac{13}{120}$

7. Find the product of means of  $4 : 1$  and  $6 : 4$

- (i) 16 (ii) 6 (iii) 8 (iv) 5 (v) 3

8. Find the product of means of  $\frac{17}{16} : \frac{17}{9}$  and  $\frac{12}{5} : \frac{4}{13}$

- (i)  $\frac{17}{52}$  (ii)  $\frac{22}{5}$  (iii)  $\frac{68}{13}$  (iv)  $\frac{68}{15}$  (v)  $\frac{14}{3}$

9. Which of the ratios is proportional to  $16 : 4$ ?

- (i)  $16 : 6$  (ii)  $15 : 4$  (iii)  $17 : 4$  (iv)  $16 : 4$  (v)  $16 : 2$

10. A ratio is equal to  $42 : 5$ . If its antecedent is 1260, what is its consequent?

- (i) 148 (ii) 150 (iii) 152 (iv) 149 (v) 151

11. A ratio is equal to  $14 : 5$ . If its consequent is 625, what is its antecedent?

- (i) 1753 (ii) 1747 (iii) 1750 (iv) 1749 (v) 1751

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

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

## Assignment Key

---

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