



1. The ratio equivalent of the fraction $\frac{7}{10} =$

- (i) 7:10 (ii) 10:7 (iii) 7:7 (iv) 7:13 (v) 6:10

2. The ratio equivalent of the fraction $\frac{34}{49} =$

- (i) 34:47 (ii) 34:49 (iii) 49:34 (iv) 34:52 (v) 33:49

3. The fraction equivalent of the ratio 1:6 =

- (i) $\frac{1}{2}$ (ii) $(-\frac{1}{6})$ (iii) $\frac{1}{6}$ (iv) $\frac{1}{4}$ (v) $\frac{6}{1}$

4. The fraction equivalent of the ratio 86:20 =

- (i) $\frac{43}{9}$ (ii) $\frac{86}{20}$ (iii) $\frac{20}{86}$ (iv) $\frac{22}{5}$ (v) $\frac{21}{5}$

5. The antecedent in the ratio 7:13 =

- (i) 6 (ii) 10 (iii) 13 (iv) 7 (v) 9

6. The antecedent in the ratio $\frac{5}{9} : \frac{3}{17} =$

- (i) $\frac{5}{9}$ (ii) $\frac{5}{7}$ (iii) $\frac{7}{9}$ (iv) $\frac{3}{17}$ (v) $\frac{1}{17}$

7. The consequent in the ratio 16:1 =

- (i) 1 (ii) 0 (iii) 3 (iv) 16 (v) 14

8. The consequent in the ratio $\frac{15}{13} : \frac{3}{10} =$

- (i) $\frac{3}{8}$ (ii) $\frac{15}{13}$ (iii) $\frac{1}{2}$ (iv) $\frac{3}{10}$ (v) 1

9. The simplest form of 396:72 =

- (i) 11:-1 (ii) 10:2 (iii) 11:2 (iv) 396:74 (v) 12:2

10. Find the missing value in the equation $__ : 1 = 204 : 6$

- (i) 37 (ii) 35 (iii) 33 (iv) 32 (v) 34

11. Find the missing value in the equation $40 : __ = 28 : 7$

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

12. Find the missing value in the equation $12:3 = \underline{\hspace{1cm}}:7$

- (i) 31 (ii) 28 (iii) 29 (iv) 25 (v) 27

13. Find the missing value in the equation $8:2 = 36:\underline{\hspace{1cm}}$

- (i) 10 (ii) 9 (iii) 12 (iv) 7 (v) 8

14. Which of the ratios is proportional to $18 : 3$?

- (i) $18:0$ (ii) $19:3$ (iii) $18:5$ (iv) $18:3$ (v) $17:3$

15. A ratio is equal to $91 : 25$. If its antecedent is 364, what is its consequent?

- (i) 99 (ii) 102 (iii) 101 (iv) 98 (v) 100

16. A ratio is equal to $5 : 2$. If its consequent is 700, what is its antecedent?

- (i) 1749 (ii) 1747 (iii) 1751 (iv) 1752 (v) 1750

17. Find the number which bears the same ratio to $\frac{1}{7}$ that $\frac{6}{7}$ does to $\frac{27}{196}$

- (i) 1 (ii) $\frac{8}{9}$ (iii) $\frac{4}{5}$ (iv) $\frac{7}{9}$

18. If the cost of 9 apples is ₹720.00 and the cost of 100 apples is ₹8000.00, the ratio of apples =

- (i) $10:100$ (ii) $8:100$ (iii) $9:100$ (iv) $9:103$ (v) $9:98$

19. If the cost of 5 apples is ₹770.00 and the cost of 140 apples is ₹21560.00, the ratio of apples cost =

- (i) $1:26$ (ii) $1:30$ (iii) $1:28$ (iv) $2:28$ (v) $0:28$

Assignment Key

1) (i)	2) (ii)	3) (iii)	4) (ii)	5) (iv)	6) (i)
7) (i)	8) (iv)	9) (iii)	10) (v)	11) (iii)	12) (ii)
13) (ii)	14) (iv)	15) (v)	16) (v)	17) (ii)	18) (iii)
19) (iii)					