



1. The ratio equivalent of the fraction $\frac{8}{9} =$

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

2. The ratio equivalent of the fraction $\frac{83}{48} =$

- (i) 83:51 (ii) 48:83 (iii) 83:46 (iv) 82:48 (v) 83:48

3. The fraction equivalent of the ratio 7:9 =

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

4. The fraction equivalent of the ratio 25:11 =

- (i) $\frac{25}{9}$ (ii) $\frac{25}{11}$ (iii) $\frac{27}{11}$ (iv) $\frac{11}{25}$ (v) $\frac{23}{11}$

5. The antecedent in the ratio 17:11 =

- (i) 17 (ii) 9 (iii) 20 (iv) 16 (v) 11

6. The antecedent in the ratio $\frac{5}{17} : \frac{9}{13} =$

- (i) $\frac{7}{13}$ (ii) $\frac{9}{13}$ (iii) $\frac{5}{17}$ (iv) $\frac{7}{17}$ (v) $\frac{1}{3}$

7. The consequent in the ratio 2:1 =

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

8. The consequent in the ratio $\frac{14}{17} : \frac{7}{13} =$

- (i) $\frac{9}{13}$ (ii) $\frac{12}{17}$ (iii) $\frac{7}{11}$ (iv) $\frac{7}{13}$ (v) $\frac{14}{17}$

9. The simplest form of 225:405 =

- (i) 5:9 (ii) 225:407 (iii) 4:9 (iv) 6:9 (v) 5:7

10. Find the missing value in the equation $\underline{\hspace{1cm}} : 5 = 28 : 7$

- (i) 22 (ii) 21 (iii) 19 (iv) 20 (v) 18

11. Find the missing value in the equation $27 : \underline{\hspace{1cm}} = 45 : 5$

- (i) 5 (ii) 2 (iii) 3 (iv) 0 (v) 4

12. Find the missing value in the equation $40:10 = \underline{\quad}:2$

- (i) 6 (ii) 9 (iii) 8 (iv) 10 (v) 7

13. Find the missing value in the equation $28:7 = 32:\underline{\quad}$

- (i) 7 (ii) 8 (iii) 5 (iv) 9 (v) 11

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

- (i) $33:8$ (ii) $32:8$ (iii) $32:10$ (iv) $31:8$ (v) $32:5$

15. A ratio is equal to $11 : 5$. If its antecedent is 6006, what is its consequent?

- (i) 2729 (ii) 2731 (iii) 2732 (iv) 2730 (v) 2728

16. A ratio is equal to $2 : 5$. If its consequent is 25935, what is its antecedent?

- (i) 10375 (ii) 10372 (iii) 10377 (iv) 10373 (v) 10374

17. Find the number which bears the same ratio to $\frac{1}{2}$ that $\frac{1}{4}$ does to $\frac{13}{24}$

- (i) $\frac{3}{11}$ (ii) $\frac{3}{13}$ (iii) $\frac{1}{5}$ (iv) $\frac{1}{13}$ (v) $\frac{5}{13}$

18. If the cost of 30 apples is ₹510.00 and the cost of 100 apples is ₹1700.00, the ratio of apples =

- (i) $4:10$ (ii) $3:10$ (iii) $3:7$ (iv) $2:10$ (v) $3:12$

19. If the cost of 440 apples is ₹880.00 and the cost of 100 apples is ₹200.00, the ratio of apples cost =

- (i) $21:5$ (ii) $22:5$ (iii) $23:5$ (iv) $22:7$ (v) $22:2$

Assignment Key

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