EduSahara™ Assignment

Name : Ratio Concepts

Chapter : Ratio and Proportion

Grade : SSC Grade VI

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1. The ratio equivalent of the fraction $\frac{3}{7}$ =

   (i) 2:7 (ii) 3:4 (iii) 7:3 (iv) 3:9 (v) 3:7

2. The ratio equivalent of the fraction $\frac{41}{47}$ =

   (i) 47:41 (ii) 41:47 (iii) 41:50 (iv) 40:47 (v) 41:45

3. The fraction equivalent of the ratio 3:4 =

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

4. The fraction equivalent of the ratio 59:70 =

   (i) $\frac{57}{70}$ (ii) $\frac{61}{70}$ (iii) $\frac{70}{59}$ (iv) $\frac{59}{70}$ (v) $\frac{59}{68}$

5. The antecendent in the ratio 9:5 =

   (i) 8 (ii) 9 (iii) 11 (iv) 5 (v) 3

6. The antecendent in the ratio $\frac{17}{14} : \frac{2}{17}$ =

   (i) $\frac{19}{14}$ (ii) $\frac{17}{12}$ (iii) $\frac{2}{17}$ (iv) 0 (v) $\frac{17}{14}$

7. The consequent in the ratio 9:13 =

   (i) 16 (ii) 13 (iii) 9 (iv) 12 (v) 6

8. The consequent in the ratio $\frac{11}{17} : \frac{3}{7}$ =

   (i) $\frac{11}{17}$ (ii) $\frac{3}{7}$ (iii) $\frac{5}{7}$ (iv) $\frac{9}{17}$ (v) $\frac{3}{5}$

9. The simplest form of 513:297 =

   (i) 19:11 (ii) 19:9 (iii) 20:11 (iv) 513:300 (v) 18:11

10. Find the missing value in the equation ___:6=28:7

    (i) 24 (ii) 27 (iii) 23 (iv) 25 (v) 22

11. Find the missing value in the equation 18:___=24:4

    (i) 2 (ii) 6 (iii) 3 (iv) 0 (v) 4

12. Find the missing value in the equation $57:1 = ____:3$

(i) 169 (ii) 171 (iii) 172 (iv) 174 (v) 170

13. Find the missing value in the equation $4:1 = 20:____$

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

14. Which of the ratios is proportional to 28 : 7?

(i) 9:2 (ii) 8:-1 (iii) 8:4 (iv) 8:2 (v) 7:2

15. A ratio is equal to 1 : 2. If its antecendent is 2100, what is its consequent?

(i) 4200 (ii) 4201 (iii) 4203 (iv) 4199 (v) 4198

16. A ratio is equal to 1 : 5. If its consequent is 8330, what is its antecendent?

(i) 1667 (ii) 1669 (iii) 1666 (iv) 1663 (v) 1665

17. Find the number which bears the same ratio to $\frac{1}{4}$ that $\frac{3}{8}$ does to $\frac{17}{64}$

(i) $\frac{8}{17}$ (ii) $\frac{6}{17}$ (iii) $\frac{4}{17}$ (iv) $\frac{2}{5}$ (v) $\frac{6}{19}$

18. If the cost of 4 apples is ₹680.00 and the cost of 140 apples is ₹23800.00, the ratio of apples =

(i) 2:35 (ii) 1:37 (iii) 0:35 (iv) 1:35 (v) 1:33

19. If the cost of 10 apples is ₹870.00 and the cost of 180 apples is ₹15660.00, the ratio of apples cost =

(i) 1:20 (ii) 1:16 (iii) 0:18 (iv) 1:18 (v) 2:18

Assignment Key

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

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