EduSahara™ Assignment

Name : Ratio Concepts

Chapter : Ratio and Proportion

Grade : CBSE Grade VI

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

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

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

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

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

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

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

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

5. The antecendent in the ratio 17:11 =

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

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

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

7. The consequent in the ratio 2:1 =

   (i) 3 (ii) 2 (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) $\frac{14}{17}$ (iv) $\frac{7}{11}$ (v) $\frac{7}{13}$

9. The simplest form of 225:405 =

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

10. A ratio is equal to 7 : 3. If its antecendent is 350, what is its consequent?

    (i) 151 (ii) 153 (iii) 148 (iv) 149 (v) 150

11. A ratio is equal to 34 : 5. If its consequent is 420, what is its antecendent?

    (i) 2853 (ii) 2855 (iii) 2856 (iv) 2858 (v) 2857

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

(i) $\frac{2}{5}$ (ii) $\frac{1}{6}$ (iii) $\frac{1}{2}$ (iv) $\frac{2}{7}$ (v) $\frac{1}{3}$

Assignment Key

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