EduSahara™ Assignment

Name : Ratio Concepts

Chapter : Ratio and Proportion

Grade : CBSE Grade VI

1. The ratio equivalent of the fraction $\frac{8}{3}$ =

   (i) 8:1 (ii) 8:3 (iii) 7:3 (iv) 8:6 (v) 3:8

2. The ratio equivalent of the fraction $\frac{77}{59}$ =

   (i) 76:59 (ii) 77:61 (iii) 77:57 (iv) 59:77 (v) 77:59

3. The fraction equivalent of the ratio 4:8 =

   (i) $\frac{1}{4}$ (ii) $\frac{2}{3}$ (iii) $\frac{4}{8}$ (iv) $\frac{3}{4}$ (v) $\frac{8}{4}$

4. The fraction equivalent of the ratio 16:31 =

   (i) $\frac{16}{29}$ (ii) $\frac{14}{31}$ (iii) $\frac{18}{31}$ (iv) $\frac{31}{16}$ (v) $\frac{16}{31}$

5. The antecendent in the ratio 18:16 =

   (i) 17 (ii) 14 (iii) 21 (iv) 16 (v) 18

6. The antecendent in the ratio $\frac{13}{3}:\frac{5}{2}$ =

   (i) 13 (ii) $\frac{3}{2}$ (iii) $\frac{5}{2}$ (iv) $\frac{13}{3}$ (v) 5

7. The consequent in the ratio 3:5 =

   (i) 4 (ii) 3 (iii) 5 (iv) 8 (v) 1

8. The consequent in the ratio $\frac{3}{8}:\frac{14}{11}$ =

   (i) $\frac{14}{11}$ (ii) $\frac{16}{11}$ (iii) $\frac{14}{9}$ (iv) $\frac{3}{8}$ (v) $\frac{1}{8}$

9. The simplest form of 756:252 =

   (i) 3:-1 (ii) 4:1 (iii) 2:1 (iv) 3:1 (v) 756:254

10. A ratio is equal to 21 : 1. If its antecendent is 6300, what is its consequent?

    (i) 301 (ii) 299 (iii) 303 (iv) 300 (v) 298

11. A ratio is equal to 3 : 2. If its consequent is 420, what is its antecendent?

    (i) 631 (ii) 630 (iii) 628 (iv) 629 (v) 632

12. Find the number which bears the same ratio to $\frac{1}{3}$ that $\frac{1}{2}$ does to $\frac{1}{3}$

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

Assignment Key

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