EduSahara™ Assignment

Name : Ratio Concepts

Chapter : Ratio and Proportion

Grade : CBSE Grade VI

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1. The ratio equivalent of the fraction $\frac{1}{6}$ =

   (i) 1:9 (ii) 1:4 (iii) 6:1 (iv) 0:6 (v) 1:6

2. The ratio equivalent of the fraction $\frac{46}{15}$ =

   (i) 46:12 (ii) 45:15 (iii) 46:18 (iv) 15:46 (v) 46:15

3. The fraction equivalent of the ratio 5:9 =

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

4. The fraction equivalent of the ratio 39:74 =

   (i) $\frac{39}{74}$ (ii) $\frac{41}{74}$ (iii) $\frac{13}{24}$ (iv) $\frac{74}{39}$ (v) $\frac{1}{2}$

5. The antecendent in the ratio 14:19 =

   (i) 19 (ii) 13 (iii) 17 (iv) 16 (v) 14

6. The antecendent in the ratio $\frac{17}{5} : \frac{4}{11}$ =

   (i) $\frac{17}{5}$ (ii) $\frac{17}{3}$ (iii) $\frac{2}{11}$ (iv) $\frac{19}{5}$ (v) $\frac{4}{11}$

7. The consequent in the ratio 12:11 =

   (i) 14 (ii) 12 (iii) 11 (iv) 10

8. The consequent in the ratio $\frac{20}{13} : \frac{5}{7}$ =

   (i) 1 (ii) $\frac{18}{13}$ (iii) $\frac{20}{13}$ (iv) $\frac{5}{7}$

9. The simplest form of 240:480 =

   (i) 240:483 (ii) 0:2 (iii) 1:0 (iv) 1:2 (v) 2:2

10. A ratio is equal to 35 : 13. If its antecendent is 3675, what is its consequent?

    (i) 1368 (ii) 1366 (iii) 1365 (iv) 1364 (v) 1362

11. A ratio is equal to 13 : 1. If its consequent is 1190, what is its antecendent?

    (i) 15473 (ii) 15468 (iii) 15471 (iv) 15470 (v) 15469

12. Find the number which bears the same ratio to $\frac{1}{2}$ that $\frac{1}{4}$ does to $\frac{7}{8}$

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

Assignment Key

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

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