

EduSahara™ Learning Center Assignment**Grade : Class VI, ICSE****Chapter : Ratio and Proportion****Name : Ratio Concepts****Licensed To : Teachers and Students for non-commercial use**

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

(i) 7 : 0 (ii) 6 : 3 (iii) 7 : 3 (iv) 7 : 5 (v) 3 : 7

2. The ratio equivalent of the fraction $\frac{29}{85} =$

(i) 85 : 29 (ii) 29 : 85 (iii) 29 : 88 (iv) 29 : 82 (v) 28 : 85

3. The fraction equivalent of the ratio 8 : 9 =

(i) $\frac{2}{3}$ (ii) $\frac{8}{9}$ (iii) $\frac{9}{8}$ (iv) $\frac{10}{9}$ (v) $\frac{8}{7}$

4. The fraction equivalent of the ratio 73 : 46 =

(i) $\frac{73}{46}$ (ii) $\frac{71}{46}$ (iii) $\frac{73}{44}$ (iv) $\frac{75}{46}$ (v) $\frac{46}{73}$

5. The antecedent in the ratio 12 : 16 =

(i) 11 (ii) 14 (iii) 12 (iv) 16

6. The antecedent in the ratio $\frac{7}{20} : \frac{13}{19} =$

(i) $\frac{13}{19}$ (ii) $\frac{9}{20}$ (iii) $\frac{7}{18}$ (iv) $\frac{7}{20}$ (v) $\frac{11}{19}$

7. The consequent in the ratio 19 : 5 =

(i) 4 (ii) 19 (iii) 5 (iv) 16 (v) 8

8. The consequent in the ratio $\frac{6}{11} : \frac{1}{17} =$

(i) $\frac{6}{11}$ (ii) $\frac{4}{11}$ (iii) $\frac{1}{17}$ (iv) $\frac{3}{17}$ (v) $\frac{1}{15}$

9. Find the product of extremes of $19 : 8$ and $7 : 12$

- (i) 228 (ii) 225 (iii) 231 (iv) 56 (v) 227
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10. Find the product of extremes of $\frac{3}{20} : \frac{10}{17}$ and $\frac{13}{9} : \frac{7}{9}$

- (i) $\frac{3}{20}$ (ii) $\frac{1}{12}$ (iii) $\frac{7}{58}$ (iv) $\frac{130}{153}$ (v) $\frac{7}{60}$
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11. Find the product of means of $3 : 19$ and $16 : 14$

- (i) 307 (ii) 304 (iii) 302 (iv) 303 (v) 42
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12. Find the product of means of $\frac{15}{2} : \frac{7}{12}$ and $\frac{13}{18} : \frac{14}{15}$

- (i) $\frac{31}{72}$ (ii) $\frac{89}{216}$ (iii) $\frac{91}{214}$ (iv) $\frac{91}{216}$ (v) 7
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13. A ratio is equal to $91 : 3$. If its antecedent is 6370, what is its consequent?

- (i) 209 (ii) 210 (iii) 208 (iv) 213 (v) 211
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14. A ratio is equal to $14 : 3$. If its consequent is 600, what is its antecedent?

- (i) 2799 (ii) 2800 (iii) 2801 (iv) 2803 (v) 2797
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Assignment Key

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