

EduSahara™ Learning Center Assignment

Grade : Class VI, ICSE

Chapter : Fractions

Name : Multiplication and Division of Fractions

Licensed To : Teachers and Students for non-commercial use

1. $2\frac{1}{5} \times 2\frac{3}{8} =$

- (i) $4\frac{9}{40}$ (ii) $3\frac{9}{40}$ (iii) $5\frac{9}{40}$ (iv) $7\frac{9}{40}$ (v) $6\frac{9}{40}$

2. $8\frac{3}{4} \div 8\frac{1}{4} =$

- (i) $(\frac{-31}{33})$ (ii) $1\frac{2}{33}$ (iii) $2\frac{2}{33}$ (iv) $3\frac{2}{33}$ (v) $\frac{2}{33}$

3. Find the missing value in $\frac{5}{14} \times \text{-----} = \frac{5}{224}$

- (i) $\frac{1}{16}$ (ii) $\frac{1}{14}$ (iii) $\frac{1}{18}$ (iv) $(\frac{-1}{16})$ (v) $\frac{3}{16}$

4. Find the missing value in $\frac{13}{19} \div \text{-----} = \frac{130}{171}$

- (i) $\frac{9}{10}$ (ii) $\frac{3}{4}$ (iii) $\frac{11}{10}$ (iv) $\frac{9}{8}$ (v) $\frac{7}{10}$

5. Find the missing value in $\frac{13}{4} \times \text{-----} = \frac{91}{22}$

- (i) $\frac{16}{11}$ (ii) $\frac{12}{11}$ (iii) $\frac{14}{11}$ (iv) $\frac{14}{9}$ (v) $\frac{14}{13}$

6. Find the missing value in $\frac{15}{14} \div \text{-----} = \frac{15}{16}$

- (i) $\frac{10}{7}$ (ii) $\frac{8}{5}$ (iii) $\frac{8}{7}$ (iv) $\frac{6}{7}$ (v) $\frac{8}{9}$

7. Find the missing value in $20\frac{9}{19} \times \text{-----} = 100\frac{16}{171}$

- (i) $4\frac{2}{3}$ (ii) $5\frac{1}{7}$ (iii) $5\frac{1}{9}$ (iv) $4\frac{8}{9}$ (v) $4\frac{8}{11}$

8. Find the missing value in $13\frac{9}{19} \div \text{-----} = 1\frac{49}{1615}$

- (i) $13\frac{1}{11}$ (ii) $13\frac{1}{13}$ (iii) $12\frac{12}{13}$ (iv) $13\frac{1}{15}$ (v) $13\frac{3}{13}$

9. $\frac{8}{9} \times 11 = \text{-----}$

(i) 10 (ii) $\frac{88}{7}$ (iii) 8 (iv) $\frac{86}{9}$ (v) $\frac{88}{9}$

10. $\frac{1}{2} \div 15 = \text{-----}$

(i) $(-\frac{1}{30})$ (ii) $\frac{1}{32}$ (iii) $\frac{1}{28}$ (iv) $\frac{1}{30}$ (v) $\frac{1}{10}$

11. $\frac{8}{7} \times 9 = \text{-----}$

(i) $\frac{74}{7}$ (ii) 10 (iii) $\frac{72}{5}$ (iv) $\frac{72}{7}$ (v) 8

12. $\frac{15}{13} \div 16 = \text{-----}$

(i) $\frac{1}{16}$ (ii) $\frac{15}{208}$ (iii) $\frac{1}{14}$ (iv) $\frac{17}{208}$ (v) $\frac{15}{206}$

13. $5\frac{3}{8} \times 2 = \text{-----}$

(i) $\frac{45}{4}$ (ii) $\frac{43}{4}$ (iii) $\frac{43}{6}$ (iv) $\frac{43}{2}$ (v) $\frac{41}{4}$

14. $6\frac{5}{9} \div 4 = \text{-----}$

(i) $\frac{59}{36}$ (ii) $\frac{19}{12}$ (iii) $\frac{61}{36}$ (iv) $\frac{59}{34}$ (v) $\frac{59}{38}$

15. $12 \times \frac{8}{12} = \text{-----}$

(i) 6 (ii) 11 (iii) 7 (iv) 9 (v) 8

16. $15 \div \frac{2}{5} = \text{-----}$

(i) $\frac{73}{2}$ (ii) $\frac{75}{2}$ (iii) $\frac{75}{4}$ (iv) 75 (v) $\frac{77}{2}$

17. $16 \times \frac{10}{3} = \text{-----}$

(i) $\frac{160}{3}$ (ii) $\frac{158}{3}$ (iii) 160 (iv) 32 (v) 54

18. $12 \div \frac{17}{2} = \text{-----}$

(i) $\frac{22}{17}$ (ii) $\frac{24}{19}$ (iii) $\frac{8}{5}$ (iv) $\frac{24}{17}$ (v) $\frac{26}{17}$

19. $20 \times 5\frac{2}{3} = \text{-----}$

(i) $\frac{340}{3}$ (ii) 68 (iii) 114 (iv) $\frac{338}{3}$ (v) 340

20. $1 \div 4\frac{9}{16} = \text{-----}$

(i) $\frac{16}{71}$ (ii) $\frac{18}{73}$ (iii) $\frac{16}{73}$ (iv) $\frac{14}{73}$ (v) $\frac{16}{75}$

Assignment Key

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