

EduSahara™ Learning Center Assignment**Grade : Class VII, ICSE****Chapter : Fractions****Name : Multiplication and Division of Fractions****Licensed To : Teachers and Students for non-commercial use**

1. $9\frac{5}{6} \times 2\frac{4}{9} =$

- (i) $22\frac{1}{27}$ (ii) $23\frac{1}{27}$ (iii) $24\frac{1}{27}$ (iv) $25\frac{1}{27}$ (v) $26\frac{1}{27}$
-

2. $6\frac{5}{7} \div 2\frac{1}{4} =$

- (i) $4\frac{62}{63}$ (ii) $1\frac{62}{63}$ (iii) $\frac{62}{63}$ (iv) $2\frac{62}{63}$ (v) $3\frac{62}{63}$
-

3. The reciprocal of $\frac{5}{3}$ is

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

4. The multiplicative inverse of $\frac{8}{5}$ is

- (i) $\frac{5}{8}$ (ii) $(-1\frac{3}{8})$ (iii) $1\frac{5}{8}$ (iv) $2\frac{5}{8}$ (v) $(-\frac{3}{8})$
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5. $\frac{4}{9}$ of 180 is

- (i) 65 (ii) 90 (iii) 80 (iv) 95 (v) 70
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6. $\frac{4}{5}$ of _____ is 60

- (i) 65 (ii) 75 (iii) 90 (iv) 85 (v) 60
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7. Find the missing value in $\frac{1}{3} \times \text{-----} = \frac{4}{15}$

- (i) $\frac{8}{11}$ (ii) $\frac{4}{5}$ (iii) $\frac{7}{10}$ (iv) $\frac{9}{10}$ (v) $\frac{8}{9}$
-

8. Find the missing value in $\frac{2}{9} \div \text{-----} = 1$

- (i) $\frac{2}{7}$ (ii) $\frac{2}{9}$ (iii) $\frac{4}{9}$ (iv) $\frac{2}{11}$ (v) 0
-

9. Find the missing value in $\frac{11}{8} \times \text{-----} = \frac{209}{80}$

(i) $\frac{17}{10}$ (ii) $\frac{19}{8}$ (iii) $\frac{21}{10}$ (iv) $\frac{19}{10}$ (v) $\frac{19}{12}$

10. Find the missing value in $\frac{16}{5} \div \text{-----} = \frac{136}{45}$

(i) $\frac{18}{17}$ (ii) $\frac{6}{5}$ (iii) $\frac{16}{17}$ (iv) $\frac{20}{17}$ (v) $\frac{18}{19}$

11. Find the missing value in $15\frac{1}{9} \times \text{-----} = 135\frac{11}{45}$

(i) $9\frac{1}{20}$ (ii) $9\frac{1}{18}$ (iii) $8\frac{19}{22}$ (iv) $8\frac{17}{20}$ (v) $8\frac{19}{20}$

12. Find the missing value in $13\frac{7}{13} \div \text{-----} = \frac{192}{247}$

(i) $17\frac{1}{2}$ (ii) $17\frac{7}{12}$ (iii) $17\frac{5}{14}$ (iv) $17\frac{5}{12}$ (v) $17\frac{1}{4}$

13. Which of the following is true?

(i) $\frac{7}{8} \times \frac{3}{4} = 1\frac{1}{6}$ (ii) $\frac{9}{12} + \frac{9}{19} = \frac{21}{76}$ (iii) $\frac{10}{14} \times \frac{2}{5} = 1\frac{11}{14}$

(iv) $\frac{13}{17} + \frac{2}{8} = \frac{69}{68}$ (v) $\frac{11}{12} \times \frac{4}{6} = 1\frac{3}{8}$

14. Which of the following is true?

(i) $\frac{35}{6} + \frac{7}{6} = 4\frac{2}{3}$ (ii) $\frac{39}{14} - \frac{27}{20} = 4\frac{19}{140}$ (iii) $\frac{39}{8} \times \frac{38}{15} = 12\frac{7}{20}$

(iv) $\frac{31}{14} - \frac{14}{13} = 3\frac{53}{182}$ (v) $\frac{19}{10} + \frac{19}{17} = \frac{133}{170}$

15. Which of the following is true?

(i) $34\frac{6}{17} + 11\frac{5}{7} = 22\frac{76}{119}$ (ii) $40\frac{2}{17} + 30\frac{5}{19} = 9\frac{276}{323}$ (iii) $39\frac{2}{13} \times 13\frac{8}{15} = 529\frac{17}{15}$

(iv) $29\frac{5}{12} \times 27\frac{1}{17} = 1\frac{481}{5520}$ (v) $13\frac{2}{5} - 10\frac{12}{17} = 24\frac{9}{85}$

16. $\frac{11}{13} \times 6 = \text{-----}$

(i) $\frac{64}{13}$ (ii) 6 (iii) $\frac{66}{13}$ (iv) $\frac{68}{13}$ (v) $\frac{22}{5}$

17. $\frac{1}{3} \div 13 = \text{-----}$

(i) $\frac{1}{41}$ (ii) $\frac{1}{39}$ (iii) $\frac{1}{13}$ (iv) $\frac{1}{37}$ (v) $(\frac{-1}{39})$

18. $\frac{11}{8} \times 14 = \text{-----}$

(i) $\frac{77}{6}$ (ii) $\frac{75}{4}$ (iii) $\frac{77}{4}$ (iv) $\frac{79}{4}$ (v) $\frac{77}{2}$

19. $\frac{12}{11} \div 2 = \text{-----}$

(i) $\frac{6}{11}$ (ii) $\frac{2}{3}$ (iii) $\frac{4}{11}$ (iv) $\frac{6}{13}$ (v) $\frac{8}{11}$

20. $3\frac{15}{16} \times 19 = \text{-----}$

(i) $\frac{1199}{16}$ (ii) $\frac{1195}{16}$ (iii) $\frac{1197}{16}$ (iv) $\frac{171}{2}$ (v) $\frac{133}{2}$

21. $4\frac{3}{5} \div 20 = \text{-----}$

(i) $\frac{23}{100}$ (ii) $\frac{23}{102}$ (iii) $\frac{21}{100}$ (iv) $\frac{23}{98}$ (v) $\frac{1}{4}$

22. $16 \times \frac{1}{5} = \text{-----}$

(i) $\frac{18}{5}$ (ii) $\frac{14}{5}$ (iii) $\frac{16}{7}$ (iv) $\frac{16}{3}$ (v) $\frac{16}{5}$

23. $8 \div \frac{2}{5} = \text{-----}$

(i) 18 (ii) 23 (iii) 20 (iv) 19 (v) 21

24. $16 \times \frac{19}{15} = \text{-----}$

(i) $\frac{304}{13}$ (ii) $\frac{304}{15}$ (iii) $\frac{302}{15}$ (iv) $\frac{304}{17}$ (v) $\frac{102}{5}$

25. $17 \div \frac{15}{8} = \text{-----}$

(i) 8 (ii) $\frac{46}{5}$ (iii) $\frac{136}{15}$ (iv) $\frac{134}{15}$ (v) $\frac{136}{13}$

26. $6 \times 4\frac{7}{9} = \text{-----}$

(i) $\frac{86}{3}$ (ii) 86 (iii) $\frac{86}{5}$ (iv) 28 (v) $\frac{88}{3}$

27. $14 \div 3\frac{2}{7} = \text{-----}$

(i) $\frac{98}{23}$ (ii) $\frac{100}{23}$ (iii) $\frac{14}{3}$ (iv) $\frac{96}{23}$ (v) $\frac{98}{25}$

Assignment Key

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