EduSahara™ Assignment

Name : Multiplication and Division of Fractions

Chapter : Fractions

Grade : ICSE Grade VII

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1. $9\frac{1}{7} \times 7\frac{4}{5} =$

   (i) $70\frac{11}{35}$ (ii) $73\frac{11}{35}$ (iii) $71\frac{11}{35}$ (iv) $69\frac{11}{35}$ (v) $72\frac{11}{35}$

2. $2\frac{1}{7} \div 11\frac{1}{2} =$

   (i) $\frac{30}{161}$ (ii) $2\frac{30}{161}$ (iii) $1\frac{30}{161}$ (iv) $(-1\frac{131}{161})$ (v) $(\frac{-131}{161})$

3. The reciprocal of $\frac{5}{8}$ is

   (i) $3\frac{3}{5}$ (ii) $2\frac{3}{5}$ (iii) $\frac{3}{5}$ (iv) $\frac{8}{5}$ (v) $(\frac{-2}{5})$

4. The multiplicative inverse of $(\frac{-1}{7})$ is

   (i) -8 (ii) -6 (iii) -9 (iv) $\frac{-7}{1}$ (v) -5

5. $\frac{7}{8}$ of 344 is

   (i) 291 (ii) 316 (iii) 286 (iv) 311 (v) 301

6. $\frac{1}{4}$ of _____ is 20

   (i) 80 (ii) 90 (iii) 65 (iv) 95 (v) 70

7. Find the missing value in $\frac{3}{13} \times$ _____ $= \frac{9}{52}$

   (i) $\frac{3}{2}$ (ii) $\frac{1}{2}$ (iii) $\frac{3}{4}$ (iv) $\frac{1}{4}$ (v) $\frac{5}{4}$

8. Find the missing value in $\frac{14}{18} \div$ _____ $= 2$

   (i) $\frac{5}{18}$ (ii) $\frac{7}{18}$ (iii) $\frac{7}{20}$ (iv) $\frac{1}{2}$ (v) $\frac{7}{16}$

9. Find the missing value in $\frac{19}{8} \times$ _____ $= \frac{247}{40}$

   (i) $\frac{13}{7}$ (ii) $\frac{11}{5}$ (iii) 3 (iv) $\frac{13}{3}$ (v) $\frac{13}{5}$

10. Find the missing value in $\frac{14}{5} \div _____ = \frac{119}{50}$

(i) $\frac{22}{17}$ (ii) $\frac{20}{19}$ (iii) $\frac{4}{3}$ (iv) $\frac{20}{17}$ (v) $\frac{18}{17}$

11. Find the missing value in $12\frac{3}{16} \times _____ = 162\frac{1}{2}$

(i) $13\frac{1}{3}$ (ii) $12\frac{2}{3}$ (iii) 14 (iv) $13\frac{1}{5}$

12. Find the missing value in $4\frac{1}{9} \div _____ = \frac{148}{417}$

(i) $11\frac{3}{4}$ (ii) $11\frac{5}{12}$ (iii) $11\frac{7}{12}$ (iv) $11\frac{1}{2}$ (v) $11\frac{7}{10}$

13. Which of the following is true?

(i) $\frac{6}{13} \div \frac{3}{16} = \frac{9}{104}$ (ii) $\frac{16}{17} \times \frac{11}{12} = 1\frac{5}{187}$ (iii) $\frac{3}{6} - \frac{2}{12} = \frac{1}{3}$ (iv) $\frac{2}{7} - \frac{1}{6} = \frac{19}{42}$ (v) $\frac{3}{7} \times \frac{4}{11} = 1\frac{5}{28}$

14. Which of the following is true?

(i) $\frac{24}{7} \times \frac{5}{4} = 2\frac{26}{35}$ (ii) $\frac{21}{4} - \frac{5}{4} = 4$ (iii) $\frac{11}{2} \times \frac{20}{7} = 1\frac{37}{40}$ (iv) $\frac{11}{4} \times \frac{12}{11} = 2\frac{25}{48}$ (v) $\frac{23}{4} - \frac{17}{16} = 6\frac{13}{16}$

15. Which of the following is true?

(i) $24\frac{11}{17} \times 6\frac{3}{20} = 4\frac{16}{2091}$ (ii) $37\frac{1}{2} + 22\frac{11}{19} = 14\frac{35}{38}$ (iii) $31\frac{1}{8} + 12\frac{1}{11} = 19\frac{3}{88}$ (iv) $50\frac{1}{2} \div 28\frac{2}{7} = 1428\frac{3}{7}$

(v) $26\frac{7}{10} - 22\frac{1}{4} = 4\frac{9}{20}$

16. $\frac{1}{3} \times 7 = _____$

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

17. $\frac{8}{13} \div 17 = _____$

(i) $\frac{8}{223}$ (ii) $\frac{8}{219}$ (iii) $\frac{10}{221}$ (iv) $\frac{6}{221}$ (v) $\frac{8}{221}$

18. $\frac{17}{7} \times 4 = _____$

(i) $\frac{66}{7}$ (ii) $\frac{68}{7}$ (iii) $\frac{68}{9}$ (iv) $\frac{68}{5}$ (v) 10

19. $\frac{19}{13} \div 15 = _____$

(i) $\frac{19}{195}$ (ii) $\frac{17}{195}$ (iii) $\frac{19}{197}$ (iv) $\frac{19}{193}$ (v) $\frac{7}{65}$

20. $9\frac{4}{5} \times 10 =$ _____

(i) 97 (ii) 95 (iii) 99 (iv) 98 (v) 101

21. $12\frac{1}{2} \div 16 =$ _____

(i) $\frac{5}{6}$ (ii) $\frac{25}{34}$ (iii) $\frac{25}{32}$ (iv) $\frac{23}{32}$ (v) $\frac{27}{32}$

22. $15 \times \frac{3}{14} =$ _____

(i) $\frac{45}{14}$ (ii) $\frac{45}{16}$ (iii) $\frac{15}{4}$ (iv) $\frac{47}{14}$ (v) $\frac{43}{14}$

23. $5 \div \frac{1}{10} =$ _____

(i) 50 (ii) 51 (iii) 53 (iv) 49 (v) 48

24. $19 \times \frac{19}{8} =$ _____

(i) $\frac{363}{8}$ (ii) $\frac{359}{8}$ (iii) $\frac{361}{8}$ (iv) $\frac{361}{6}$ (v) $\frac{361}{10}$

25. $13 \div \frac{19}{7} =$ _____

(i) $\frac{91}{19}$ (ii) $\frac{93}{19}$ (iii) $\frac{89}{19}$ (iv) $\frac{91}{17}$ (v) $\frac{13}{3}$

26. $6 \times 8\frac{10}{11} =$ _____

(i) $\frac{588}{13}$ (ii) $\frac{590}{11}$ (iii) $\frac{586}{11}$ (iv) $\frac{588}{11}$ (v) $\frac{196}{3}$

27. $20 \div 5\frac{4}{9} =$ _____

(i) $\frac{180}{47}$ (ii) $\frac{178}{49}$ (iii) $\frac{180}{49}$ (iv) $\frac{26}{7}$ (v) $\frac{60}{17}$

Assignment Key

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

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