EduSahara™ Assignment

Name : Multiplication and Division of Fractions

Chapter : Fractions and Decimals

Grade : CBSE Grade VII

1. $6\frac{2}{5} \times 4\frac{3}{7} =$

   (i) $26\frac{12}{35}$ (ii) $27\frac{12}{35}$ (iii) $30\frac{12}{35}$ (iv) $29\frac{12}{35}$ (v) $28\frac{12}{35}$

2. $5\frac{1}{3} \div 2\frac{5}{6} =$

   (i) $\frac{15}{17}$ (ii) $1\frac{15}{17}$ (iii) $(\frac{-2}{17})$ (iv) $2\frac{15}{17}$ (v) $3\frac{15}{17}$

3. Find the missing value in $\frac{2}{4} \times$ _____ $= \frac{1}{5}$

   (i) $\frac{4}{15}$ (ii) $\frac{6}{13}$ (iii) $\frac{6}{17}$ (iv) $\frac{2}{5}$ (v) $\frac{8}{15}$

4. Find the missing value in $\frac{3}{4} \div$ _____ $= \frac{9}{4}$

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

5. Find the missing value in $\frac{19}{6} \times$ _____ $= \frac{361}{42}$

   (i) 3 (ii) $\frac{19}{5}$ (iii) $\frac{19}{9}$ (iv) $\frac{19}{7}$ (v) $\frac{17}{7}$

6. Find the missing value in $\frac{19}{11} \div$ _____ $= \frac{152}{121}$

   (i) $\frac{11}{6}$ (ii) $\frac{9}{8}$ (iii) $\frac{11}{10}$ (iv) $\frac{11}{8}$ (v) $\frac{13}{8}$

7. $\frac{4}{6} \times 2 =$ _____

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

8. $\frac{1}{2} \div 9 =$ _____

   (i) $\frac{1}{16}$ (ii) $\frac{1}{20}$ (iii) $\frac{1}{18}$ (iv) $\frac{1}{6}$ (v) $(\frac{-1}{18})$

9. $\frac{7}{3} \times 3 =$ _____

(i) 8 (ii) 4 (iii) 10 (iv) 6 (v) 7

10. $\frac{8}{7} \div 17 =$ _____

(i) $\frac{8}{121}$ (ii) $\frac{8}{119}$ (iii) $\frac{8}{117}$ (iv) $\frac{10}{119}$ (v) $\frac{6}{119}$

11. $2\frac{5}{8} \times 19 =$ _____

(i) $\frac{399}{10}$ (ii) $\frac{401}{8}$ (iii) $\frac{133}{2}$ (iv) $\frac{399}{8}$ (v) $\frac{397}{8}$

12. $5\frac{1}{7} \div 1 =$ _____

(i) $\frac{38}{7}$ (ii) 4 (iii) $\frac{34}{7}$ (iv) $\frac{36}{7}$ (v) $\frac{36}{5}$

13. $14 \times \frac{5}{15} =$ _____

(i) $\frac{14}{3}$ (ii) $\frac{14}{5}$ (iii) $\frac{16}{3}$ (iv) 14 (v) 4

14. $16 \div \frac{1}{12} =$ _____

(i) 193 (ii) 192 (iii) 194 (iv) 189 (v) 191

15. $13 \times \frac{15}{11} =$ _____

(i) $\frac{65}{3}$ (ii) 15 (iii) $\frac{193}{11}$ (iv) $\frac{197}{11}$ (v) $\frac{195}{11}$

16. $17 \div \frac{12}{7} =$ _____

(i) $\frac{121}{12}$ (ii) $\frac{39}{4}$ (iii) $\frac{119}{10}$ (iv) $\frac{119}{12}$ (v) $\frac{17}{2}$

17. $20 \times 5\frac{3}{7} =$ _____

(i) $\frac{760}{7}$ (ii) $\frac{762}{7}$ (iii) 152 (iv) $\frac{758}{7}$ (v) $\frac{760}{9}$

18. $17 \div 7\frac{1}{14} =$ _____

(i) $\frac{238}{101}$ (ii) $\frac{80}{33}$ (iii) $\frac{238}{97}$ (iv) $\frac{238}{99}$ (v) $\frac{236}{99}$

19. $4\frac{1}{4} \times 2\frac{1}{6} =$

(i) $10\frac{5}{24}$ (ii) $8\frac{5}{24}$ (iii) $11\frac{5}{24}$ (iv) $7\frac{5}{24}$ (v) $9\frac{5}{24}$

20. $2\frac{1}{8} \div 6\frac{2}{3} =$

(i) $(\frac{-109}{160})$ (ii) $\frac{51}{160}$ (iii) $1\frac{51}{160}$ (iv) $(-1\frac{109}{160})$ (v) $2\frac{51}{160}$

21. Find the missing value in $\frac{1}{5} \times \_\_\_\_\_ = \frac{1}{20}$

(i) $\frac{1}{4}$ (ii) $\frac{1}{5}$ (iii) $\frac{1}{3}$ (iv) 0 (v) $\frac{1}{2}$

22. Find the missing value in $\frac{12}{17} \div \_\_\_\_\_ = \frac{180}{17}$

(i) $\frac{1}{17}$ (ii) $(\frac{-1}{15})$ (iii) $\frac{1}{15}$ (iv) $\frac{1}{13}$ (v) $\frac{1}{5}$

23. Find the missing value in $\frac{13}{6} \times \_\_\_\_\_ = 3$

(i) $\frac{16}{13}$ (ii) $\frac{6}{5}$ (iii) $\frac{20}{13}$ (iv) $\frac{18}{13}$ (v) $\frac{18}{11}$

24. Find the missing value in $\frac{19}{15} \div \_\_\_\_\_ = \frac{14}{15}$

(i) $\frac{19}{16}$ (ii) $\frac{3}{2}$ (iii) $\frac{19}{14}$ (iv) $\frac{17}{14}$ (v) $\frac{19}{12}$

25. Find the missing value in $8\frac{11}{15} \times \_\_\_\_\_ = 102\frac{32}{105}$

(i) 12 (ii) $11\frac{5}{9}$ (iii) $11\frac{3}{7}$ (iv) $11\frac{5}{7}$

26. Find the missing value in $9\frac{3}{10} \div \_\_\_\_\_ = \frac{39}{50}$

(i) $11\frac{4}{5}$ (ii) $11\frac{12}{13}$ (iii) $12\frac{1}{13}$ (iv) $11\frac{10}{13}$ (v) $12\frac{1}{11}$

27. $\frac{1}{7} \times 13 = \_\_\_\_\_$

(i) $\frac{13}{5}$ (ii) $\frac{11}{7}$ (iii) $\frac{13}{7}$ (iv) $\frac{13}{9}$ (v) $\frac{15}{7}$

28. $\frac{2}{3} \div 11 =$ _____

(i) $\frac{2}{33}$ (ii) $\frac{4}{33}$ (iii) $\frac{2}{31}$ (iv) 0 (v) $\frac{2}{35}$

29. $\frac{10}{3} \times 10 =$ _____

(i) $\frac{98}{3}$ (ii) 100 (iii) 20 (iv) 34 (v) $\frac{100}{3}$

30. $\frac{16}{15} \div 6 =$ _____

(i) $\frac{8}{43}$ (ii) $\frac{2}{15}$ (iii) $\frac{8}{47}$ (iv) $\frac{2}{9}$ (v) $\frac{8}{45}$

31. $4\frac{8}{13} \times 8 =$ _____

(i) $\frac{480}{11}$ (ii) $\frac{478}{13}$ (iii) 32 (iv) $\frac{480}{13}$ (v) $\frac{482}{13}$

32. $6\frac{5}{7} \div 2 =$ _____

(i) $\frac{47}{12}$ (ii) $\frac{7}{2}$ (iii) $\frac{45}{14}$ (iv) $\frac{47}{14}$ (v) $\frac{47}{16}$

33. $10 \times \frac{11}{14} =$ _____

(i) $\frac{57}{7}$ (ii) $\frac{55}{7}$ (iii) $\frac{55}{9}$ (iv) 11 (v) $\frac{53}{7}$

34. $18 \div \frac{1}{6} =$ _____

(i) 108 (ii) 107 (iii) 109 (iv) 106 (v) 110

35. $15 \times \frac{5}{4} =$ _____

(i) $\frac{75}{4}$ (ii) $\frac{75}{2}$ (iii) $\frac{73}{4}$ (iv) $\frac{25}{2}$ (v) $\frac{77}{4}$

36. $15 \div \frac{16}{13} =$ _____

(i) $\frac{195}{14}$ (ii) $\frac{193}{16}$ (iii) $\frac{197}{16}$ (iv) $\frac{195}{16}$ (v) $\frac{65}{6}$

37. $2 \times 2\frac{6}{11} =$ _____

(i) $\frac{58}{11}$ (ii) $\frac{56}{11}$ (iii) $\frac{54}{11}$ (iv) $\frac{56}{9}$ (v) $\frac{56}{13}$

38. $9 \div 3\frac{7}{10} =$ _____

(i) $\frac{90}{37}$ (ii) $\frac{92}{37}$ (iii) $\frac{88}{37}$ (iv) $\frac{18}{7}$ (v) $\frac{30}{13}$

Assignment Key

1) (v)	2) (ii)	3) (iv)	4) (iii)	5) (iv)	6) (iv)
7) (ii)	8) (iii)	9) (v)	10) (ii)	11) (iv)	12) (iv)
13) (i)	14) (ii)	15) (v)	16) (iv)	17) (i)	18) (iv)
19) (v)	20) (ii)	21) (i)	22) (iii)	23) (iv)	24) (iii)
25) (iv)	26) (ii)	27) (iii)	28) (i)	29) (v)	30) (v)
31) (iv)	32) (iv)	33) (ii)	34) (i)	35) (i)	36) (iv)
37) (ii)	38) (i)				