EduSahara™ Assignment

Name : Multiplication and Division of Fractions

Chapter : Fractions

Grade : ICSE Grade VIII

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

   (i) $46\frac{1}{3}$ (ii) $47\frac{1}{3}$ (iii) $49\frac{1}{3}$ (iv) $50\frac{1}{3}$ (v) $48\frac{1}{3}$

2. $6\frac{1}{2} \div 1\frac{3}{7} =$

   (i) $3\frac{11}{20}$ (ii) $4\frac{11}{20}$ (iii) $5\frac{11}{20}$ (iv) $2\frac{11}{20}$ (v) $6\frac{11}{20}$

3. Find the missing value in $\frac{9}{18} \times \_\_\_\_\_ = \frac{1}{26}$

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

4. Find the missing value in $\frac{4}{14} \div \_\_\_\_\_ = \frac{36}{119}$

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

5. Find the missing value in $\frac{17}{16} \times \_\_\_\_\_ = \frac{323}{64}$

   (i) $\frac{17}{4}$ (ii) $\frac{19}{2}$ (iii) $\frac{19}{6}$ (iv) $\frac{21}{4}$ (v) $\frac{19}{4}$

6. Find the missing value in $\frac{13}{11} \div \_\_\_\_\_ = \frac{13}{12}$

   (i) $\frac{12}{11}$ (ii) $\frac{12}{13}$ (iii) $\frac{4}{3}$ (iv) $\frac{10}{11}$ (v) $\frac{14}{11}$

7. Find the missing value in $15\frac{3}{14} \times \_\_\_\_\_ = 316\frac{113}{154}$

   (i) 21 (ii) $20\frac{7}{11}$ (iii) $20\frac{9}{13}$ (iv) $20\frac{9}{11}$

8. Find the missing value in $14\frac{1}{8} \div \_\_\_\_\_ = 2\frac{403}{872}$

   (i) $5\frac{12}{19}$ (ii) $5\frac{16}{19}$ (iii) $5\frac{14}{17}$ (iv) $5\frac{2}{3}$ (v) $5\frac{14}{19}$

9. Which of the following is true?

(i) $\frac{16}{20}+\frac{2}{10}=\frac{3}{5}$ (ii) $\frac{10}{12}\times\frac{4}{11}=2\frac{7}{24}$ (iii) $\frac{14}{20}+\frac{1}{3}=\frac{31}{30}$ (iv) $\frac{4}{6}+\frac{6}{10}=\frac{1}{15}$ (v) $\frac{15}{17}\div\frac{9}{14}=\frac{135}{238}$

10. Which of the following is true?

(i) $\frac{32}{17}+\frac{19}{14}=\frac{125}{238}$ (ii) $\frac{17}{2}+\frac{33}{4}=\frac{1}{4}$ (iii) $\frac{15}{2}\times\frac{11}{5}=3\frac{9}{22}$ (iv) $\frac{37}{11}+\frac{37}{12}=\frac{37}{132}$ (v) $\frac{31}{6}-\frac{21}{11}=3\frac{17}{66}$

11. Which of the following is true?

(i) $21\frac{1}{13}\div19\frac{2}{3}=1\frac{55}{767}$ (ii) $30\frac{16}{17}+6\frac{11}{15}=24\frac{53}{255}$ (iii) $30\frac{1}{16}\div23\frac{7}{9}=714\frac{59}{72}$ (iv) $41\frac{5}{7}-8\frac{14}{17}=50\frac{64}{119}$

(v) $33\frac{9}{17}\times16\frac{6}{7}=1\frac{992}{1003}$

12. $\frac{9}{10}\times15=$ _____

(i) $\frac{25}{2}$ (ii) $\frac{29}{2}$ (iii) $\frac{27}{2}$ (iv) $\frac{27}{4}$ (v) 27

13. $\frac{1}{3}\div8=$ _____

(i) $\frac{1}{22}$ (ii) $\frac{1}{8}$ (iii) $\frac{1}{26}$ (iv) $(\frac{-1}{24})$ (v) $\frac{1}{24}$

14. $\frac{20}{9}\times1=$ _____

(i) 2 (ii) $\frac{20}{11}$ (iii) $\frac{20}{9}$ (iv) $\frac{22}{9}$ (v) $\frac{20}{7}$

15. $\frac{15}{2}\div3=$ _____

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

16. $2\frac{1}{10}\times20=$ _____

(i) 39 (ii) 43 (iii) 41 (iv) 44 (v) 42

17. $4\frac{4}{5}\div16=$ _____

(i) $\frac{1}{4}$ (ii) $\frac{1}{10}$ (iii) $\frac{3}{10}$ (iv) $\frac{1}{2}$ (v) $\frac{3}{8}$

18. $11\times\frac{13}{15}=$ _____

(i) $\frac{143}{15}$ (ii) 11 (iii) $\frac{47}{5}$ (iv) $\frac{143}{17}$ (v) $\frac{29}{3}$

19. $11 \div \frac{5}{6} =$ _____

(i) $\frac{64}{5}$ (ii) $\frac{68}{5}$ (iii) 22 (iv) $\frac{66}{5}$ (v) $\frac{66}{7}$

20. $6 \times \frac{11}{2} =$ _____

(i) 36 (ii) 34 (iii) 33 (iv) 31 (v) 32

21. $17 \div \frac{9}{4} =$ _____

(i) $\frac{70}{9}$ (ii) $\frac{68}{7}$ (iii) $\frac{68}{11}$ (iv) $\frac{68}{9}$ (v) $\frac{22}{3}$

22. $3 \times 4\frac{9}{10} =$ _____

(i) $\frac{29}{2}$ (ii) $\frac{149}{10}$ (iii) $\frac{147}{8}$ (iv) $\frac{49}{4}$ (v) $\frac{147}{10}$

23. $16 \div 4\frac{4}{9} =$ _____

(i) $\frac{16}{5}$ (ii) 4 (iii) 6 (iv) $\frac{18}{5}$ (v) $\frac{18}{7}$

24. Which of the following is true?

(i) $\frac{8}{10} \div \frac{2}{18} = \frac{4}{45}$ (ii) $\frac{8}{9} \div \frac{5}{14} = \frac{20}{63}$ (iii) $\frac{3}{4} + \frac{5}{8} = \frac{1}{8}$ (iv) $\frac{6}{11} \div \frac{2}{4} = 1\frac{1}{11}$ (v) $\frac{4}{5} + \frac{1}{16} = \frac{59}{80}$

25. Which of the following is true?

(i) $\frac{37}{7} + \frac{35}{8} = \frac{51}{56}$ (ii) $\frac{19}{8} \times \frac{29}{16} = 4\frac{39}{128}$ (iii) $\frac{38}{9} + \frac{23}{7} = \frac{59}{63}$ (iv) $\frac{21}{8} \times \frac{38}{17} = 1\frac{53}{304}$ (v) $\frac{32}{5} \div \frac{25}{4} = 40$

26. Which of the following is true?

(i) $12\frac{6}{13} \times 9\frac{14}{17} = 1\frac{583}{2171}$ (ii) $34\frac{1}{9} + 17\frac{3}{7} = 16\frac{43}{63}$ (iii) $16\frac{7}{15} - 15\frac{1}{9} = 31\frac{26}{45}$ (iv) $57\frac{1}{2} - 18\frac{4}{17} = 39\frac{9}{34}$

(v) $37\frac{8}{15} \div 17\frac{13}{14} = 672\frac{193}{210}$

Assignment Key

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