EduSahara™ Assignment

Name : Operations on Fractions

Chapter : Fractions, Decimals and Rational Numbers

Grade : SSC Grade VII

1. $3\frac{4}{5} + 7\frac{3}{8} =$

   (i) $10\frac{7}{40}$ (ii) $12\frac{7}{40}$ (iii) $11\frac{7}{40}$ (iv) $13\frac{7}{40}$ (v) $9\frac{7}{40}$

2. $5\frac{3}{8} - 2\frac{11}{16} =$

   (i) $4\frac{11}{16}$ (ii) $\frac{11}{16}$ (iii) $1\frac{11}{16}$ (iv) $2\frac{11}{16}$ (v) $3\frac{11}{16}$

3. $1\frac{8}{9} \times 6\frac{2}{5} =$

   (i) $14\frac{4}{45}$ (ii) $11\frac{4}{45}$ (iii) $12\frac{4}{45}$ (iv) $10\frac{4}{45}$ (v) $13\frac{4}{45}$

4. $9\frac{2}{3} \div 2\frac{1}{7} =$

   (i) $5\frac{23}{45}$ (ii) $3\frac{23}{45}$ (iii) $2\frac{23}{45}$ (iv) $6\frac{23}{45}$ (v) $4\frac{23}{45}$

5. $1\frac{1}{9} + \frac{2}{3} =$

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

6. Find the missing value in $\frac{1}{17} + \_\_\_\_\_ = \frac{32}{255}$

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

7. Find the missing value in $\frac{5}{8} - \_\_\_\_\_ = \frac{13}{40}$

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

8. Find the missing value in $\frac{3}{10} \times \_\_\_\_\_ = \frac{1}{4}$

   (i) $\frac{5}{6}$ (ii) $\frac{5}{8}$ (iii) $\frac{1}{2}$ (iv) $\frac{5}{4}$ (v) $\frac{7}{6}$

9. Find the missing value in $\frac{1}{3} \div \_\_\_\_\_ = \frac{4}{9}$

(i) $\frac{3}{4}$ (ii) $\frac{6}{7}$ (iii) $\frac{5}{8}$ (iv) $\frac{2}{3}$ (v) $\frac{7}{8}$

10. Find the missing value in $\frac{4}{3} + \_\_\_\_\_ = \frac{44}{15}$

(i) 2 (ii) $\frac{8}{3}$ (iii) $\frac{6}{5}$ (iv) $\frac{8}{7}$ (v) $\frac{8}{5}$

11. Find the missing value in $\frac{19}{5} - \_\_\_\_\_ = \frac{114}{55}$

(i) $\frac{21}{11}$ (ii) $\frac{19}{13}$ (iii) $\frac{19}{9}$ (iv) $\frac{19}{11}$ (v) $\frac{17}{11}$

12. Find the missing value in $\frac{20}{17} \times \_\_\_\_\_ = \frac{36}{17}$

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

13. Find the missing value in $\frac{17}{12} \div \_\_\_\_\_ = \frac{1}{3}$

(i) $\frac{17}{4}$ (ii) $\frac{17}{6}$ (iii) $\frac{19}{4}$ (iv) $\frac{17}{2}$ (v) $\frac{15}{4}$

14. Find the missing value in $13\frac{3}{7} + \_\_\_\_\_ = 19\frac{54}{77}$

(i) $6\frac{1}{3}$ (ii) $6\frac{5}{11}$ (iii) $6\frac{1}{11}$ (iv) $6\frac{3}{13}$ (v) $6\frac{3}{11}$

15. Find the missing value in $17\frac{5}{7} - \_\_\_\_\_ = 8\frac{23}{140}$

(i) $9\frac{11}{20}$ (ii) $9\frac{9}{20}$ (iii) $9\frac{11}{18}$ (iv) $9\frac{1}{2}$ (v) $9\frac{13}{20}$

16. Find the missing value in $3\frac{14}{17} \times \_\_\_\_\_ = 70$

(i) $18\frac{4}{11}$ (ii) $18\frac{4}{15}$ (iii) $18\frac{4}{13}$ (iv) $18\frac{6}{13}$ (v) $18\frac{2}{13}$

17. Find the missing value in $11\frac{8}{13} \div \_\_\_\_\_ = 1\frac{144}{611}$

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

18. $\frac{2}{11} + 9 =$ _____

(i) $\frac{103}{11}$ (ii) 9 (iii) $\frac{101}{11}$ (iv) $\frac{101}{9}$ (v) $\frac{101}{13}$

19. $2\frac{5}{12} - 2 =$ _____

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

20. $\frac{1}{11} \times 1 =$ _____

(i) $(\frac{-1}{11})$ (ii) $\frac{1}{9}$ (iii) $\frac{1}{13}$ (iv) $\frac{3}{11}$ (v) $\frac{1}{11}$

21. $\frac{3}{8} \div 1 =$ _____

(i) $\frac{3}{8}$ (ii) $\frac{1}{8}$ (iii) $\frac{5}{8}$ (iv) $\frac{1}{2}$ (v) $\frac{3}{10}$

22. $\frac{17}{14} + 18 =$ _____

(i) $\frac{269}{16}$ (ii) $\frac{267}{14}$ (iii) $\frac{269}{12}$ (iv) $\frac{271}{14}$ (v) $\frac{269}{14}$

23. $\frac{240}{13} - 17 =$ _____

(i) $\frac{17}{13}$ (ii) $\frac{19}{11}$ (iii) $\frac{19}{15}$ (iv) $\frac{21}{13}$ (v) $\frac{19}{13}$

24. $\frac{13}{1} \times 7 =$ _____

(i) 90 (ii) 91 (iii) 94 (iv) 88 (v) 92

25. $\frac{9}{1} \div 17 =$ _____

(i) $\frac{3}{5}$ (ii) $\frac{9}{19}$ (iii) $\frac{7}{17}$ (iv) $\frac{9}{17}$ (v) $\frac{11}{17}$

26. $8\frac{3}{5} + 1 =$ _____

(i) $\frac{48}{5}$ (ii) 10 (iii) $\frac{46}{5}$ (iv) $\frac{48}{7}$ (v) 16

27. $24\frac{3}{8} - 17 =$ _____

(i) $\frac{59}{10}$ (ii) $\frac{61}{8}$ (iii) $\frac{59}{8}$ (iv) $\frac{59}{6}$ (v) $\frac{57}{8}$

28. $11\frac{1}{2} \times 13 =$ _____

(i) $\frac{297}{2}$ (ii) $\frac{301}{2}$ (iii) $\frac{299}{4}$ (iv) 299 (v) $\frac{299}{2}$

29. $2\frac{7}{11} \div 4 =$ _____

(i) $\frac{29}{42}$ (ii) $\frac{27}{44}$ (iii) $\frac{31}{44}$ (iv) $\frac{29}{46}$ (v) $\frac{29}{44}$

30. $7 + \frac{8}{11} =$ _____

(i) $\frac{87}{11}$ (ii) $\frac{85}{9}$ (iii) $\frac{85}{13}$ (iv) $\frac{85}{11}$ (v) $\frac{83}{11}$

31. $1 - \frac{1}{3} =$ _____

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

32. $6 \times \frac{6}{11} =$ _____

(i) $\frac{34}{11}$ (ii) $\frac{38}{11}$ (iii) 4 (iv) $\frac{36}{11}$ (v) $\frac{36}{13}$

33. $11 \div \frac{3}{16} =$ _____

(i) $\frac{178}{3}$ (ii) 176 (iii) $\frac{176}{5}$ (iv) $\frac{176}{3}$ (v) 58

34. $4 + \frac{7}{2} =$ _____

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

35. $20 - \frac{15}{2} =$ _____

(i) $\frac{23}{2}$ (ii) $\frac{25}{4}$ (iii) $\frac{25}{2}$ (iv) 25 (v) $\frac{27}{2}$

36. $14 \times \frac{7}{1} =$ _____

(i) 99 (ii) 101 (iii) 96 (iv) 98 (v) 97

37. $17 \div \frac{13}{2} =$ _____

(i) $\frac{32}{13}$ (ii) $\frac{36}{13}$ (iii) $\frac{34}{13}$ (iv) $\frac{34}{11}$ (v) $\frac{34}{15}$

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

(i) $\frac{87}{7}$ (ii) $\frac{85}{7}$ (iii) $\frac{29}{3}$ (iv) $\frac{87}{5}$ (v) $\frac{89}{7}$

39. $25 - 8\frac{5}{11} =$ _____

(i) 14 (ii) $\frac{180}{11}$ (iii) $\frac{182}{9}$ (iv) $\frac{182}{11}$ (v) $\frac{184}{11}$

40. $14 \times 7\frac{10}{11} =$ _____

(i) $\frac{406}{3}$ (ii) $\frac{1216}{11}$ (iii) $\frac{1218}{11}$ (iv) $\frac{1220}{11}$ (v) $\frac{1218}{13}$

41. $10 \div 7\frac{1}{15} =$ _____

(i) $\frac{25}{17}$ (ii) $\frac{77}{53}$ (iii) $\frac{75}{53}$ (iv) $\frac{15}{11}$ (v) $\frac{73}{53}$

Assignment Key

1) (iii)	2) (iv)	3) (iii)	4) (v)	5) (v)	6) (ii)
7) (ii)	8) (i)	9) (i)	10) (v)	11) (iv)	12) (ii)
13) (i)	14) (v)	15) (i)	16) (iii)	17) (ii)	18) (iii)
19) (iv)	20) (v)	21) (i)	22) (v)	23) (v)	24) (ii)
25) (iv)	26) (i)	27) (iii)	28) (v)	29) (v)	30) (iv)
31) (i)	32) (iv)	33) (iv)	34) (v)	35) (iii)	36) (iv)
37) (iii)	38) (i)	39) (iv)	40) (iii)	41) (iii)	