

EduSahara™ Learning Center Assignment**Grade : Class VII, SSC****Chapter : Fractions, Decimals and Rational Numbers****Name : Operations on Fractions****Licensed To : Teachers and Students for non-commercial use**

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

(i) $18\frac{5}{7}$ (ii) $19\frac{5}{7}$ (iii) $16\frac{5}{7}$ (iv) $20\frac{5}{7}$ (v) $17\frac{5}{7}$

2. $9\frac{1}{8} - 8\frac{5}{9} =$

(i) $(-\frac{31}{72})$ (ii) $\frac{41}{72}$ (iii) $(-1\frac{31}{72})$ (iv) $2\frac{41}{72}$ (v) $1\frac{41}{72}$

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

(i) $8\frac{5}{6}$ (ii) $9\frac{5}{6}$ (iii) $12\frac{5}{6}$ (iv) $11\frac{5}{6}$ (v) $10\frac{5}{6}$

4. $7\frac{1}{3} \div 6\frac{7}{8} =$

(i) $1\frac{1}{15}$ (ii) $2\frac{1}{15}$ (iii) $(-\frac{14}{15})$ (iv) $3\frac{1}{15}$ (v) $\frac{1}{15}$

5. $6\frac{1}{8} + 2\frac{3}{4} =$

(i) $6\frac{7}{8}$ (ii) $8\frac{7}{8}$ (iii) $9\frac{7}{8}$ (iv) $7\frac{7}{8}$ (v) $10\frac{7}{8}$

6. Find the missing value in $\frac{2}{3} + \text{-----} = \frac{43}{33}$

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

7. Find the missing value in $\frac{4}{10} - \text{-----} = \frac{1}{15}$

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

8. Find the missing value in $\frac{3}{4} \times \text{-----} = \frac{9}{20}$

(i) $\frac{3}{5}$ (ii) $\frac{2}{3}$ (iii) $\frac{1}{2}$ (iv) $\frac{7}{10}$ (v) $\frac{6}{11}$

9. Find the missing value in $\frac{3}{12} \div \text{-----} = \frac{19}{52}$

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

10. Find the missing value in $\frac{19}{17} + \text{-----} = \frac{286}{119}$

(i) 1 (ii) $\frac{9}{5}$ (iii) $\frac{9}{7}$ (iv) $\frac{11}{7}$

11. Find the missing value in $\frac{7}{3} - \text{-----} = \frac{37}{30}$

(i) $\frac{11}{12}$ (ii) $\frac{9}{10}$ (iii) $\frac{11}{10}$ (iv) $\frac{11}{8}$ (v) $\frac{13}{10}$

12. Find the missing value in $\frac{5}{4} \times \text{-----} = 2$

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

13. Find the missing value in $\frac{16}{9} \div \text{-----} = \frac{256}{153}$

(i) $\frac{17}{18}$ (ii) $\frac{17}{16}$ (iii) $\frac{15}{16}$ (iv) $\frac{19}{16}$ (v) $\frac{17}{14}$

14. Find the missing value in $14\frac{4}{5} + \text{-----} = 19\frac{22}{65}$

(i) $4\frac{7}{13}$ (ii) $4\frac{7}{11}$ (iii) $4\frac{7}{15}$ (iv) $4\frac{9}{13}$ (v) $4\frac{5}{13}$

15. Find the missing value in $17\frac{11}{14} - \text{-----} = 13\frac{53}{112}$

(i) $4\frac{7}{16}$ (ii) $4\frac{5}{18}$ (iii) $4\frac{5}{16}$ (iv) $4\frac{3}{16}$ (v) $4\frac{5}{14}$

16. Find the missing value in $10\frac{7}{10} \times \text{-----} = 169\frac{47}{70}$

(i) $15\frac{2}{3}$ (ii) $16\frac{1}{5}$ (iii) $15\frac{6}{7}$ (iv) $15\frac{4}{7}$ (v) $16\frac{1}{7}$

17. Find the missing value in $18\frac{4}{9} \div \text{-----} = 1\frac{1337}{1485}$

(i) $9\frac{12}{17}$ (ii) $9\frac{14}{17}$ (iii) $9\frac{10}{17}$ (iv) $9\frac{4}{5}$ (v) $9\frac{12}{19}$

18. $\frac{3}{8} + 8 = \text{-----}$

(i) $\frac{67}{10}$ (ii) $\frac{67}{6}$ (iii) $\frac{67}{8}$ (iv) $\frac{69}{8}$ (v) $\frac{65}{8}$

19. $5\frac{10}{11} - 5 = \text{-----}$

(i) $\frac{10}{9}$ (ii) $\frac{10}{13}$ (iii) $\frac{12}{11}$ (iv) $\frac{8}{11}$ (v) $\frac{10}{11}$

20. $\frac{3}{12} \times 5 = \text{-----}$

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

21. $\frac{1}{14} \div 8 = \text{-----}$

(i) $\frac{3}{112}$ (ii) $\frac{1}{110}$ (iii) $(\frac{-1}{112})$ (iv) $\frac{1}{112}$ (v) $\frac{1}{114}$

22. $\frac{19}{12} + 4 = \text{-----}$

(i) $\frac{23}{4}$ (ii) $\frac{67}{12}$ (iii) $\frac{67}{14}$ (iv) $\frac{65}{12}$ (v) $\frac{67}{10}$

23. $\frac{56}{5} - 10 = \text{-----}$

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

24. $\frac{19}{5} \times 16 = \text{-----}$

(i) $\frac{304}{7}$ (ii) $\frac{304}{5}$ (iii) $\frac{304}{3}$ (iv) $\frac{302}{5}$ (v) $\frac{306}{5}$

25. $\frac{10}{7} \div 8 = \text{-----}$

(i) $\frac{3}{28}$ (ii) $\frac{1}{4}$ (iii) $\frac{1}{6}$ (iv) $\frac{5}{28}$ (v) $\frac{5}{26}$

26. $3\frac{2}{3} + 12 = \text{-----}$

(i) 47 (ii) $\frac{47}{3}$ (iii) $\frac{47}{5}$ (iv) $\frac{49}{3}$ (v) 15

27. $21\frac{9}{11} - 16 = \text{-----}$

(i) $\frac{64}{11}$ (ii) $\frac{64}{13}$ (iii) $\frac{62}{11}$ (iv) $\frac{64}{9}$ (v) 6

28. $11\frac{5}{6} \times 14 = \text{-----}$

(i) 497 (ii) $\frac{497}{5}$ (iii) 165 (iv) $\frac{499}{3}$ (v) $\frac{497}{3}$

29. $3\frac{2}{7} \div 4 = \text{-----}$

$$(i) \frac{23}{26} \quad (ii) \frac{23}{28} \quad (iii) \frac{3}{4} \quad (iv) \frac{25}{28} \quad (v) \frac{23}{30}$$

$$30. 6 + \frac{3}{13} = \text{-----}$$

$$(i) \frac{83}{13} \quad (ii) \frac{79}{13} \quad (iii) \frac{81}{13} \quad (iv) \frac{81}{11} \quad (v) \frac{27}{5}$$

$$31. 12 - \frac{9}{14} = \text{-----}$$

$$(i) \frac{53}{4} \quad (ii) \frac{159}{14} \quad (iii) \frac{23}{2} \quad (iv) \frac{157}{14} \quad (v) \frac{159}{16}$$

$$32. 9 \times \frac{4}{8} = \text{-----}$$

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

$$33. 2 \div \frac{7}{8} = \text{-----}$$

$$(i) \frac{18}{7} \quad (ii) 2 \quad (iii) \frac{16}{9} \quad (iv) \frac{16}{7} \quad (v) \frac{16}{5}$$

$$34. 9 + \frac{11}{8} = \text{-----}$$

$$(i) \frac{81}{8} \quad (ii) \frac{83}{8} \quad (iii) \frac{83}{6} \quad (iv) \frac{85}{8} \quad (v) \frac{83}{10}$$

$$35. 12 - \frac{15}{4} = \text{-----}$$

$$(i) \frac{31}{4} \quad (ii) \frac{33}{2} \quad (iii) \frac{35}{4} \quad (iv) \frac{11}{2} \quad (v) \frac{33}{4}$$

$$36. 8 \times \frac{15}{8} = \text{-----}$$

$$(i) 12 \quad (ii) 15 \quad (iii) 14 \quad (iv) 16 \quad (v) 18$$

$$37. 19 \div \frac{7}{2} = \text{-----}$$

$$(i) \frac{38}{7} \quad (ii) \frac{38}{9} \quad (iii) \frac{36}{7} \quad (iv) \frac{38}{5} \quad (v) \frac{40}{7}$$

$$38. 1 + 5\frac{1}{5} = \text{-----}$$

$$(i) \frac{31}{7} \quad (ii) \frac{33}{5} \quad (iii) \frac{29}{5} \quad (iv) \frac{31}{3} \quad (v) \frac{31}{5}$$

$$39. 17 - 8\frac{1}{5} = \text{-----}$$

(i) $\frac{42}{5}$ (ii) $\frac{44}{5}$ (iii) $\frac{46}{5}$ (iv) $\frac{44}{3}$ (v) $\frac{44}{7}$

40. $6 \times 8\frac{1}{6} = \text{-----}$

(i) 51 (ii) 50 (iii) 48 (iv) 47 (v) 49

41. $10 \div 9\frac{2}{5} = \text{-----}$

(i) $\frac{48}{47}$ (ii) $\frac{50}{47}$ (iii) $\frac{10}{9}$ (iv) $\frac{50}{49}$ (v) $\frac{52}{47}$

Assignment Key

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

40) (v)

41) (ii)