

EduSahara™ Learning Center Assignment**Grade : Class VII, ICSE****Chapter : Fractions****Name : Addition and Subtraction of Fractions****Licensed To : Teachers and Students for non-commercial use**

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

- (i) $16\frac{5}{8}$ (ii) $14\frac{5}{8}$ (iii) $13\frac{5}{8}$ (iv) $12\frac{5}{8}$ (v) $15\frac{5}{8}$
-

2. $4\frac{1}{5} - 2\frac{4}{5} =$

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

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

- (i) $4\frac{1}{8}$ (ii) $2\frac{1}{8}$ (iii) $5\frac{1}{8}$ (iv) $3\frac{1}{8}$ (v) $1\frac{1}{8}$
-

4. The additive inverse of $(-\frac{5}{2})$ is

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

5. Find the missing value in $\frac{8}{11} + \text{-----} = \frac{46}{33}$

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

6. Find the missing value in $\frac{15}{16} - \text{-----} = \frac{3}{16}$

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

7. Find the missing value in $\frac{17}{16} + \text{-----} = \frac{103}{48}$

- (i) $\frac{13}{10}$ (ii) $\frac{13}{12}$ (iii) $\frac{13}{14}$ (iv) $\frac{11}{12}$ (v) $\frac{5}{4}$
-

8. Find the missing value in $\frac{15}{4} - \text{-----} = \frac{53}{28}$

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

9. Find the missing value in $16\frac{3}{10} + \text{-----} = 28\frac{3}{5}$

(i) $12\frac{1}{2}$ (ii) $12\frac{3}{10}$ (iii) $12\frac{1}{10}$ (iv) $12\frac{3}{8}$ (v) $12\frac{1}{4}$

10. Find the missing value in $20\frac{14}{17} - \text{-----} = 5\frac{113}{323}$

(i) $15\frac{9}{19}$ (ii) $15\frac{3}{7}$ (iii) $15\frac{7}{19}$ (iv) $15\frac{11}{19}$ (v) $15\frac{9}{17}$

11. $\frac{2}{4} + 17 = \text{-----}$

(i) $\frac{33}{2}$ (ii) $\frac{35}{4}$ (iii) 35 (iv) $\frac{37}{2}$ (v) $\frac{35}{2}$

12. $14\frac{1}{2} - 14 = \text{-----}$

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

13. $\frac{6}{5} + 16 = \text{-----}$

(i) $\frac{88}{5}$ (ii) $\frac{84}{5}$ (iii) $\frac{86}{7}$ (iv) $\frac{86}{3}$ (v) $\frac{86}{5}$

14. $\frac{39}{7} - 4 = \text{-----}$

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

15. $1\frac{5}{12} + 1 = \text{-----}$

(i) $\frac{29}{12}$ (ii) $\frac{29}{14}$ (iii) $\frac{29}{10}$ (iv) $\frac{9}{4}$ (v) $\frac{31}{12}$

16. $14\frac{3}{8} - 11 = \text{-----}$

(i) $\frac{27}{10}$ (ii) $\frac{29}{8}$ (iii) $\frac{9}{2}$ (iv) $\frac{25}{8}$ (v) $\frac{27}{8}$

17. $7 + \frac{5}{13} = \text{-----}$

(i) $\frac{96}{13}$ (ii) $\frac{96}{11}$ (iii) $\frac{98}{13}$ (iv) $\frac{32}{5}$ (v) $\frac{94}{13}$

18. $7 - \frac{1}{11} = \text{-----}$

(i) $\frac{78}{11}$ (ii) $\frac{74}{11}$ (iii) $\frac{76}{9}$ (iv) $\frac{76}{11}$ (v) $\frac{76}{13}$

19. $2 + \frac{7}{5} = \text{-----}$

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

$$20. 6 - \frac{17}{13} = \text{-----}$$

$$(i) \frac{59}{13} \quad (ii) \frac{61}{11} \quad (iii) \frac{61}{15} \quad (iv) \frac{61}{13} \quad (v) \frac{63}{13}$$

$$21. 8 + 7\frac{3}{16} = \text{-----}$$

$$(i) \frac{27}{2} \quad (ii) \frac{243}{16} \quad (iii) \frac{241}{16} \quad (iv) \frac{245}{16} \quad (v) \frac{243}{14}$$

$$22. 29 - 9\frac{4}{9} = \text{-----}$$

$$(i) \frac{178}{9} \quad (ii) 16 \quad (iii) \frac{176}{7} \quad (iv) \frac{176}{9} \quad (v) \frac{58}{3}$$

Assignment Key

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