

## EduSahara™ Learning Center Assignment

**Grade** : Class VI, SSC

**Chapter** : Fractions and Decimals

**Name** : Addition and Subtraction of Fractions

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1.  $9\frac{1}{2} + 10\frac{2}{7} =$

- (i)  $20\frac{11}{14}$  (ii)  $18\frac{11}{14}$  (iii)  $21\frac{11}{14}$  (iv)  $17\frac{11}{14}$  (v)  $19\frac{11}{14}$

2.  $2\frac{8}{9} - \frac{26}{27} =$

- (i)  $3\frac{25}{27}$  (ii)  $\frac{25}{27}$  (iii)  $2\frac{25}{27}$  (iv)  $(\frac{-2}{27})$  (v)  $1\frac{25}{27}$

3. Find the missing value in  $\frac{15}{18} + \text{-----} = \frac{49}{30}$

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

4. Find the missing value in  $\frac{10}{12} - \text{-----} = \frac{31}{66}$

- (i)  $\frac{4}{13}$  (ii)  $\frac{6}{11}$  (iii)  $\frac{4}{9}$  (iv)  $\frac{4}{11}$  (v)  $\frac{2}{11}$

5. Find the missing value in  $\frac{7}{5} + \text{-----} = \frac{89}{35}$

- (i)  $\frac{8}{7}$  (ii)  $\frac{8}{9}$  (iii)  $\frac{6}{7}$  (iv)  $\frac{10}{7}$  (v)  $\frac{8}{5}$

6. Find the missing value in  $\frac{13}{4} - \text{-----} = \frac{25}{12}$

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

7. Find the missing value in  $18\frac{13}{16} + \text{-----} = 42\frac{17}{80}$

- (i)  $23\frac{2}{3}$  (ii)  $23\frac{2}{7}$  (iii)  $23\frac{4}{5}$  (iv) 23 (v)  $23\frac{2}{5}$

8. Find the missing value in  $10\frac{6}{13} - \text{-----} = 7\frac{49}{247}$

- (i)  $3\frac{5}{21}$  (ii)  $3\frac{7}{19}$  (iii)  $3\frac{3}{19}$  (iv)  $3\frac{5}{19}$  (v)  $3\frac{5}{17}$

9.  $2\frac{1}{7} + 1\frac{17}{28} =$

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

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10.  $\frac{5}{6} + 3 = \text{-----}$

(i)  $\frac{23}{4}$  (ii)  $\frac{23}{8}$  (iii)  $\frac{7}{2}$  (iv)  $\frac{23}{6}$  (v)  $\frac{25}{6}$

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11.  $5\frac{2}{5} - 5 = \text{-----}$

(i)  $\frac{2}{5}$  (ii)  $\frac{2}{7}$  (iii)  $\frac{4}{5}$  (iv) 0 (v)  $\frac{2}{3}$

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12.  $\frac{17}{2} + 10 = \text{-----}$

(i)  $\frac{39}{2}$  (ii)  $\frac{35}{2}$  (iii)  $\frac{37}{4}$  (iv) 37 (v)  $\frac{37}{2}$

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13.  $19 - 10 = \text{-----}$

(i) 9 (ii) 10 (iii) 11 (iv) 8 (v) 6

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14.  $5\frac{1}{6} + 14 = \text{-----}$

(i)  $\frac{39}{2}$  (ii)  $\frac{115}{8}$  (iii)  $\frac{113}{6}$  (iv)  $\frac{115}{6}$  (v)  $\frac{115}{4}$

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15.  $12\frac{3}{7} - 9 = \text{-----}$

(i)  $\frac{24}{7}$  (ii)  $\frac{22}{7}$  (iii)  $\frac{26}{7}$  (iv)  $\frac{24}{5}$  (v)  $\frac{8}{3}$

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16.  $16 + \frac{1}{4} = \text{-----}$

(i)  $\frac{65}{2}$  (ii)  $\frac{65}{4}$  (iii)  $\frac{67}{4}$  (iv)  $\frac{63}{4}$  (v)  $\frac{65}{6}$

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17.  $13 - \frac{7}{16} = \text{-----}$

(i)  $\frac{201}{14}$  (ii)  $\frac{67}{6}$  (iii)  $\frac{203}{16}$  (iv)  $\frac{201}{16}$  (v)  $\frac{199}{16}$

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18.  $18 + \frac{17}{4} = \text{-----}$

(i)  $\frac{91}{4}$  (ii)  $\frac{89}{2}$  (iii)  $\frac{87}{4}$  (iv)  $\frac{89}{6}$  (v)  $\frac{89}{4}$

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19.  $13 - \frac{13}{7} = \text{-----}$

$$(i) \frac{26}{3} \quad (ii) \frac{80}{7} \quad (iii) \frac{78}{5} \quad (iv) \frac{78}{7} \quad (v) \frac{76}{7}$$

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20.  $7 + 4\frac{2}{13} = \text{-----}$

$$(i) 11 \quad (ii) \frac{145}{13} \quad (iii) \frac{29}{3} \quad (iv) \frac{145}{11} \quad (v) \frac{147}{13}$$

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21.  $21 - 6\frac{3}{8} = \text{-----}$

$$(i) \frac{115}{8} \quad (ii) \frac{117}{8} \quad (iii) \frac{39}{2} \quad (iv) \frac{119}{8} \quad (v) \frac{117}{10}$$

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## Assignment Key

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