

## Adding Mixed Fractions (H)

Find the value of each expression in lowest terms.

1.  $-1\frac{4}{13} + (-2\frac{5}{9}) + 2\frac{20}{39}$

5.  $26\frac{3}{4} + (-25\frac{1}{2}) + (-2\frac{3}{10})$

2.  $6\frac{2}{5} + (-1\frac{4}{5}) + (-4\frac{1}{21})$

6.  $-2\frac{1}{12} + (-2\frac{5}{39}) + 7\frac{1}{13}$

3.  $1\frac{10}{11} + (-14\frac{4}{9}) + 3\frac{7}{9}$

7.  $-6\frac{13}{16} + 15\frac{1}{3} + (-18\frac{1}{3})$

4.  $-16\frac{1}{2} + (-4\frac{10}{19}) + 8\frac{10}{19}$

8.  $-6\frac{3}{4} + 7\frac{7}{25} + (-5\frac{1}{4})$

## Adding Mixed Fractions (H) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & -1\frac{4}{13} + (-2\frac{5}{9}) + 2\frac{20}{39} \\ & = -\frac{158}{117} = -1\frac{41}{117} \end{aligned}$$

$$\begin{aligned} 5. \quad & 26\frac{3}{4} + (-25\frac{1}{2}) + (-2\frac{3}{10}) \\ & = -\frac{21}{20} = -1\frac{1}{20} \end{aligned}$$

$$\begin{aligned} 2. \quad & 6\frac{2}{5} + (-1\frac{4}{5}) + (-4\frac{1}{21}) \\ & = \frac{58}{105} \end{aligned}$$

$$\begin{aligned} 6. \quad & -2\frac{1}{12} + (-2\frac{5}{39}) + 7\frac{1}{13} \\ & = \frac{149}{52} = 2\frac{45}{52} \end{aligned}$$

$$\begin{aligned} 3. \quad & 1\frac{10}{11} + (-14\frac{4}{9}) + 3\frac{7}{9} \\ & = -\frac{289}{33} = -8\frac{25}{33} \end{aligned}$$

$$\begin{aligned} 7. \quad & -6\frac{13}{16} + 15\frac{1}{3} + (-18\frac{1}{3}) \\ & = -\frac{157}{16} = -9\frac{13}{16} \end{aligned}$$

$$\begin{aligned} 4. \quad & -16\frac{1}{2} + (-4\frac{10}{19}) + 8\frac{10}{19} \\ & = -\frac{25}{2} = -12\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 8. \quad & -6\frac{3}{4} + 7\frac{7}{25} + (-5\frac{1}{4}) \\ & = -\frac{118}{25} = -4\frac{18}{25} \end{aligned}$$