

## Adding Mixed Fractions (E)

Find the value of each expression in lowest terms.

1.  $-5\frac{4}{13} + 8\frac{1}{9} + (-3\frac{1}{3})$

5.  $-2\frac{27}{40} + 3\frac{4}{5} + (-1\frac{1}{4})$

2.  $-2\frac{6}{13} + 1\frac{1}{2} + 2\frac{3}{14}$

6.  $-4\frac{9}{32} + (-11\frac{2}{3}) + 12\frac{3}{4}$

3.  $18\frac{7}{8} + 1\frac{1}{40} + (-2\frac{3}{5})$

7.  $-58\frac{1}{2} + 19\frac{1}{10} + 29\frac{1}{2}$

4.  $-8\frac{7}{12} + 15\frac{1}{3} + 34\frac{1}{3}$

8.  $-5\frac{1}{3} + 1\frac{13}{34} + 18\frac{1}{3}$

## Adding Mixed Fractions (E) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & -5\frac{4}{13} + 8\frac{1}{9} + \left(-3\frac{1}{3}\right) \\ & = -\frac{62}{117} \end{aligned}$$

$$\begin{aligned} 5. \quad & -2\frac{27}{40} + 3\frac{4}{5} + \left(-1\frac{1}{4}\right) \\ & = -\frac{1}{8} \end{aligned}$$

$$\begin{aligned} 2. \quad & -2\frac{6}{13} + 1\frac{1}{2} + 2\frac{3}{14} \\ & = \frac{114}{91} = 1\frac{23}{91} \end{aligned}$$

$$\begin{aligned} 6. \quad & -4\frac{9}{32} + \left(-11\frac{2}{3}\right) + 12\frac{3}{4} \\ & = -\frac{307}{96} = -3\frac{19}{96} \end{aligned}$$

$$\begin{aligned} 3. \quad & 18\frac{7}{8} + 1\frac{1}{40} + \left(-2\frac{3}{5}\right) \\ & = \frac{173}{10} = 17\frac{3}{10} \end{aligned}$$

$$\begin{aligned} 7. \quad & -58\frac{1}{2} + 19\frac{1}{10} + 29\frac{1}{2} \\ & = -\frac{99}{10} = -9\frac{9}{10} \end{aligned}$$

$$\begin{aligned} 4. \quad & -8\frac{7}{12} + 15\frac{1}{3} + 34\frac{1}{3} \\ & = \frac{493}{12} = 41\frac{1}{12} \end{aligned}$$

$$\begin{aligned} 8. \quad & -5\frac{1}{3} + 1\frac{13}{34} + 18\frac{1}{3} \\ & = \frac{489}{34} = 14\frac{13}{34} \end{aligned}$$