

Adding Mixed Fractions (B)

Find the value of each expression in lowest terms.

1. $-14\frac{7}{8} + (-2\frac{5}{8}) + (-6\frac{1}{5})$

5. $-4\frac{4}{7} + 25\frac{2}{5} + 29\frac{3}{5}$

2. $7\frac{8}{11} + 2\frac{1}{4} + 31\frac{3}{4}$

6. $1\frac{16}{45} + (-4\frac{1}{10}) + 3\frac{8}{15}$

3. $-4\frac{29}{40} + 9\frac{11}{15} + 5\frac{7}{15}$

7. $-3\frac{1}{2} + 6\frac{8}{15} + 4\frac{2}{5}$

4. $-11\frac{1}{2} + 35\frac{1}{2} + 34\frac{1}{2}$

8. $10\frac{9}{10} + (-2\frac{2}{5}) + 4\frac{25}{34}$

Adding Mixed Fractions (B) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & -14\frac{7}{8} + (-2\frac{5}{8}) + (-6\frac{1}{5}) \\ & = -\frac{237}{10} = -23\frac{7}{10} \end{aligned}$$

$$\begin{aligned} 5. \quad & -4\frac{4}{7} + 25\frac{2}{5} + 29\frac{3}{5} \\ & = \frac{353}{7} = 50\frac{3}{7} \end{aligned}$$

$$\begin{aligned} 2. \quad & 7\frac{8}{11} + 2\frac{1}{4} + 31\frac{3}{4} \\ & = \frac{459}{11} = 41\frac{8}{11} \end{aligned}$$

$$\begin{aligned} 6. \quad & 1\frac{16}{45} + (-4\frac{1}{10}) + 3\frac{8}{15} \\ & = \frac{71}{90} \end{aligned}$$

$$\begin{aligned} 3. \quad & -4\frac{29}{40} + 9\frac{11}{15} + 5\frac{7}{15} \\ & = \frac{419}{40} = 10\frac{19}{40} \end{aligned}$$

$$\begin{aligned} 7. \quad & -3\frac{1}{2} + 6\frac{8}{15} + 4\frac{2}{5} \\ & = \frac{223}{30} = 7\frac{13}{30} \end{aligned}$$

$$\begin{aligned} 4. \quad & -11\frac{1}{2} + 35\frac{1}{2} + 34\frac{1}{2} \\ & = \frac{117}{2} = 58\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 8. \quad & 10\frac{9}{10} + (-2\frac{2}{5}) + 4\frac{25}{34} \\ & = \frac{225}{17} = 13\frac{4}{17} \end{aligned}$$