

Adding Mixed Fractions (G)

Find the value of each expression in lowest terms.

1. $-4\frac{1}{10} + (-6\frac{17}{30}) + 4\frac{10}{23}$

5. $-2\frac{3}{8} + (-9\frac{4}{5}) + 2\frac{39}{40}$

2. $15\frac{1}{3} + 1\frac{1}{2} + 2\frac{29}{48}$

6. $9\frac{1}{16} + (-2\frac{5}{22}) + (-4\frac{1}{2})$

3. $-12\frac{9}{10} + 2\frac{7}{30} + 6\frac{4}{5}$

7. $-4\frac{19}{28} + 1\frac{11}{21} + 5\frac{2}{7}$

4. $-3\frac{17}{24} + (-1\frac{1}{40}) + 5\frac{11}{24}$

8. $-3\frac{2}{5} + 4\frac{8}{25} + 5\frac{8}{25}$

Adding Mixed Fractions (G) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. & -4\frac{1}{10} + \left(-6\frac{17}{30}\right) + 4\frac{10}{23} \\ & = -\frac{430}{69} = -6\frac{16}{69} \end{aligned}$$

$$\begin{aligned} 5. & -2\frac{3}{8} + \left(-9\frac{4}{5}\right) + 2\frac{39}{40} \\ & = -\frac{46}{5} = -9\frac{1}{5} \end{aligned}$$

$$\begin{aligned} 2. & 15\frac{1}{3} + 1\frac{1}{2} + 2\frac{29}{48} \\ & = \frac{311}{16} = 19\frac{7}{16} \end{aligned}$$

$$\begin{aligned} 6. & 9\frac{1}{16} + \left(-2\frac{5}{22}\right) + \left(-4\frac{1}{2}\right) \\ & = \frac{411}{176} = 2\frac{59}{176} \end{aligned}$$

$$\begin{aligned} 3. & -12\frac{9}{10} + 2\frac{7}{30} + 6\frac{4}{5} \\ & = -\frac{58}{15} = -3\frac{13}{15} \end{aligned}$$

$$\begin{aligned} 7. & -4\frac{19}{28} + 1\frac{11}{21} + 5\frac{2}{7} \\ & = \frac{179}{84} = 2\frac{11}{84} \end{aligned}$$

$$\begin{aligned} 4. & -3\frac{17}{24} + \left(-1\frac{1}{40}\right) + 5\frac{11}{24} \\ & = \frac{29}{40} \end{aligned}$$

$$\begin{aligned} 8. & -3\frac{2}{5} + 4\frac{8}{25} + 5\frac{8}{25} \\ & = \frac{156}{25} = 6\frac{6}{25} \end{aligned}$$