

Adding Mixed Fractions (A)

Find the value of each expression in lowest terms.

1. $-4\frac{1}{7} + (-11\frac{3}{14}) + (-9\frac{10}{21})$

5. $1\frac{3}{10} + (-3\frac{1}{10}) + 7\frac{1}{2}$

2. $-3\frac{2}{5} + 9\frac{7}{10} + (-2\frac{1}{14})$

6. $5\frac{10}{17} + (-2\frac{13}{30}) + 4\frac{1}{10}$

3. $-6\frac{1}{5} + (-2\frac{8}{15}) + 5\frac{6}{35}$

7. $4\frac{3}{20} + (-16\frac{1}{2}) + 2\frac{7}{8}$

4. $3\frac{13}{16} + (-2\frac{21}{40}) + 4\frac{11}{15}$

8. $-3\frac{31}{39} + (-5\frac{6}{13}) + 3\frac{1}{6}$

Adding Mixed Fractions (A) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & -4\frac{1}{7} + \left(-11\frac{3}{14}\right) + \left(-9\frac{10}{21}\right) \\ & = -\frac{149}{6} = -24\frac{5}{6} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{3}{10} + \left(-3\frac{1}{10}\right) + 7\frac{1}{2} \\ & = \frac{57}{10} = 5\frac{7}{10} \end{aligned}$$

$$\begin{aligned} 2. \quad & -3\frac{2}{5} + 9\frac{7}{10} + \left(-2\frac{1}{14}\right) \\ & = \frac{148}{35} = 4\frac{8}{35} \end{aligned}$$

$$\begin{aligned} 6. \quad & 5\frac{10}{17} + \left(-2\frac{13}{30}\right) + 4\frac{1}{10} \\ & = \frac{370}{51} = 7\frac{13}{51} \end{aligned}$$

$$\begin{aligned} 3. \quad & -6\frac{1}{5} + \left(-2\frac{8}{15}\right) + 5\frac{6}{35} \\ & = -\frac{374}{105} = -3\frac{59}{105} \end{aligned}$$

$$\begin{aligned} 7. \quad & 4\frac{3}{20} + \left(-16\frac{1}{2}\right) + 2\frac{7}{8} \\ & = -\frac{379}{40} = -9\frac{19}{40} \end{aligned}$$

$$\begin{aligned} 4. \quad & 3\frac{13}{16} + \left(-2\frac{21}{40}\right) + 4\frac{11}{15} \\ & = \frac{289}{48} = 6\frac{1}{48} \end{aligned}$$

$$\begin{aligned} 8. \quad & -3\frac{31}{39} + \left(-5\frac{6}{13}\right) + 3\frac{1}{6} \\ & = -\frac{475}{78} = -6\frac{7}{78} \end{aligned}$$

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.

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

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

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

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

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

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

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

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

Adding Mixed Fractions (C)

Find the value of each expression in lowest terms.

1. $3\frac{7}{16} + (-2\frac{3}{4}) + 8\frac{1}{6}$

5. $-1\frac{17}{18} + (-6\frac{1}{9}) + (-13\frac{1}{3})$

2. $-2\frac{1}{6} + (-1\frac{2}{3}) + 2\frac{8}{11}$

6. $-8\frac{9}{10} + 26\frac{1}{2} + 8\frac{1}{5}$

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

7. $2\frac{5}{6} + (-22\frac{1}{6}) + 23\frac{3}{8}$

4. $2\frac{3}{28} + (-2\frac{1}{3}) + 3\frac{1}{8}$

8. $-7\frac{4}{13} + 4\frac{4}{13} + 2\frac{26}{29}$

Adding Mixed Fractions (C) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 3\frac{7}{16} + (-2\frac{3}{4}) + 8\frac{1}{6} \\ & = \frac{425}{48} = 8\frac{41}{48} \end{aligned}$$

$$\begin{aligned} 5. \quad & -1\frac{17}{18} + (-6\frac{1}{9}) + (-13\frac{1}{3}) \\ & = -\frac{385}{18} = -21\frac{7}{18} \end{aligned}$$

$$\begin{aligned} 2. \quad & -2\frac{1}{6} + (-1\frac{2}{3}) + 2\frac{8}{11} \\ & = -\frac{73}{66} = -1\frac{7}{66} \end{aligned}$$

$$\begin{aligned} 6. \quad & -8\frac{9}{10} + 26\frac{1}{2} + 8\frac{1}{5} \\ & = \frac{129}{5} = 25\frac{4}{5} \end{aligned}$$

$$\begin{aligned} 3. \quad & 7\frac{5}{6} + (-3\frac{5}{7}) + 7\frac{1}{3} \\ & = \frac{481}{42} = 11\frac{19}{42} \end{aligned}$$

$$\begin{aligned} 7. \quad & 2\frac{5}{6} + (-22\frac{1}{6}) + 23\frac{3}{8} \\ & = \frac{97}{24} = 4\frac{1}{24} \end{aligned}$$

$$\begin{aligned} 4. \quad & 2\frac{3}{28} + (-2\frac{1}{3}) + 3\frac{1}{8} \\ & = \frac{487}{168} = 2\frac{151}{168} \end{aligned}$$

$$\begin{aligned} 8. \quad & -7\frac{4}{13} + 4\frac{4}{13} + 2\frac{26}{29} \\ & = -\frac{3}{29} \end{aligned}$$

Adding Mixed Fractions (D)

Find the value of each expression in lowest terms.

1. $38\frac{2}{3} + (-4\frac{7}{18}) + (-34\frac{1}{2})$

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

2. $4\frac{1}{4} + (-3\frac{13}{24}) + (-6\frac{3}{8})$

6. $-1\frac{1}{4} + (-2\frac{17}{20}) + 33\frac{4}{5}$

3. $3\frac{7}{13} + 8\frac{2}{3} + (-5\frac{2}{39})$

7. $-11\frac{5}{11} + 1\frac{10}{13} + 11\frac{2}{13}$

4. $-1\frac{3}{26} + 4\frac{5}{6} + (-9\frac{8}{15})$

8. $-3\frac{1}{2} + 3\frac{1}{4} + (-2\frac{43}{46})$

Adding Mixed Fractions (D) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 38\frac{2}{3} + \left(-4\frac{7}{18}\right) + \left(-34\frac{1}{2}\right) \\ & = -\frac{2}{9} \end{aligned}$$

$$\begin{aligned} 5. \quad & 4\frac{3}{5} + 3\frac{3}{8} + \left(-4\frac{4}{5}\right) \\ & = \frac{127}{40} = 3\frac{7}{40} \end{aligned}$$

$$\begin{aligned} 2. \quad & 4\frac{1}{4} + \left(-3\frac{13}{24}\right) + \left(-6\frac{3}{8}\right) \\ & = -\frac{17}{3} = -5\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 6. \quad & -1\frac{1}{4} + \left(-2\frac{17}{20}\right) + 33\frac{4}{5} \\ & = \frac{297}{10} = 29\frac{7}{10} \end{aligned}$$

$$\begin{aligned} 3. \quad & 3\frac{7}{13} + 8\frac{2}{3} + \left(-5\frac{2}{39}\right) \\ & = \frac{93}{13} = 7\frac{2}{13} \end{aligned}$$

$$\begin{aligned} 7. \quad & -11\frac{5}{11} + 1\frac{10}{13} + 11\frac{2}{13} \\ & = \frac{210}{143} = 1\frac{67}{143} \end{aligned}$$

$$\begin{aligned} 4. \quad & -1\frac{3}{26} + 4\frac{5}{6} + \left(-9\frac{8}{15}\right) \\ & = -\frac{378}{65} = -5\frac{53}{65} \end{aligned}$$

$$\begin{aligned} 8. \quad & -3\frac{1}{2} + 3\frac{1}{4} + \left(-2\frac{43}{46}\right) \\ & = -\frac{293}{92} = -3\frac{17}{92} \end{aligned}$$

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.

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

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

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

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

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

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

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

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

Adding Mixed Fractions (F)

Find the value of each expression in lowest terms.

1. $2\frac{28}{43} + 2\frac{2}{3} + (-2\frac{1}{6})$

5. $5\frac{5}{8} + 2\frac{1}{2} + (-5\frac{4}{9})$

2. $-31\frac{1}{3} + (-2\frac{5}{18}) + (-3\frac{5}{18})$

6. $2\frac{1}{5} + 19\frac{1}{2} + (-29\frac{1}{2})$

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

7. $-3\frac{2}{3} + 3\frac{20}{29} + (-1\frac{1}{12})$

4. $-6\frac{3}{4} + 3\frac{3}{4} + (-5\frac{9}{17})$

8. $-1\frac{17}{32} + 3\frac{1}{4} + 1\frac{1}{2}$

Adding Mixed Fractions (F) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 2\frac{28}{43} + 2\frac{2}{3} + \left(-2\frac{1}{6}\right) \\ & = \frac{271}{86} = 3\frac{13}{86} \end{aligned}$$

$$\begin{aligned} 5. \quad & 5\frac{5}{8} + 2\frac{1}{2} + \left(-5\frac{4}{9}\right) \\ & = \frac{193}{72} = 2\frac{49}{72} \end{aligned}$$

$$\begin{aligned} 2. \quad & -31\frac{1}{3} + \left(-2\frac{5}{18}\right) + \left(-3\frac{5}{18}\right) \\ & = -\frac{332}{9} = -36\frac{8}{9} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{1}{5} + 19\frac{1}{2} + \left(-29\frac{1}{2}\right) \\ & = -\frac{39}{5} = -7\frac{4}{5} \end{aligned}$$

$$\begin{aligned} 3. \quad & -8\frac{5}{6} + 4\frac{4}{5} + \left(-7\frac{1}{2}\right) \\ & = -\frac{173}{15} = -11\frac{8}{15} \end{aligned}$$

$$\begin{aligned} 7. \quad & -3\frac{2}{3} + 3\frac{20}{29} + \left(-1\frac{1}{12}\right) \\ & = -\frac{123}{116} = -1\frac{7}{116} \end{aligned}$$

$$\begin{aligned} 4. \quad & -6\frac{3}{4} + 3\frac{3}{4} + \left(-5\frac{9}{17}\right) \\ & = -\frac{145}{17} = -8\frac{9}{17} \end{aligned}$$

$$\begin{aligned} 8. \quad & -1\frac{17}{32} + 3\frac{1}{4} + 1\frac{1}{2} \\ & = \frac{103}{32} = 3\frac{7}{32} \end{aligned}$$

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.

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

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

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

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

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

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

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

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

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.

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

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

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

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

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

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

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

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

Adding Mixed Fractions (I)

Find the value of each expression in lowest terms.

1. $-4\frac{4}{7} + (-3\frac{1}{3}) + 1\frac{1}{3}$

5. $5\frac{13}{30} + (-3\frac{3}{25}) + (-1\frac{2}{15})$

2. $20\frac{1}{2} + 2\frac{1}{3} + 5\frac{1}{2}$

6. $-2\frac{1}{3} + (-7\frac{1}{24}) + (-32\frac{1}{2})$

3. $-1\frac{1}{4} + (-1\frac{2}{5}) + (-13\frac{1}{4})$

7. $-40\frac{1}{4} + (-9\frac{3}{4}) + 2\frac{3}{4}$

4. $-5\frac{2}{15} + (-10\frac{1}{2}) + 3\frac{5}{24}$

8. $-7\frac{23}{24} + (-3\frac{2}{3}) + 3\frac{1}{3}$

Adding Mixed Fractions (I) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & -4\frac{4}{7} + \left(-3\frac{1}{3}\right) + 1\frac{1}{3} \\ & = -\frac{46}{7} = -6\frac{4}{7} \end{aligned}$$

$$\begin{aligned} 5. \quad & 5\frac{13}{30} + \left(-3\frac{3}{25}\right) + \left(-1\frac{2}{15}\right) \\ & = \frac{59}{50} = 1\frac{9}{50} \end{aligned}$$

$$\begin{aligned} 2. \quad & 20\frac{1}{2} + 2\frac{1}{3} + 5\frac{1}{2} \\ & = \frac{85}{3} = 28\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 6. \quad & -2\frac{1}{3} + \left(-7\frac{1}{24}\right) + \left(-32\frac{1}{2}\right) \\ & = -\frac{335}{8} = -41\frac{7}{8} \end{aligned}$$

$$\begin{aligned} 3. \quad & -1\frac{1}{4} + \left(-1\frac{2}{5}\right) + \left(-13\frac{1}{4}\right) \\ & = -\frac{159}{10} = -15\frac{9}{10} \end{aligned}$$

$$\begin{aligned} 7. \quad & -40\frac{1}{4} + \left(-9\frac{3}{4}\right) + 2\frac{3}{4} \\ & = -\frac{189}{4} = -47\frac{1}{4} \end{aligned}$$

$$\begin{aligned} 4. \quad & -5\frac{2}{15} + \left(-10\frac{1}{2}\right) + 3\frac{5}{24} \\ & = -\frac{497}{40} = -12\frac{17}{40} \end{aligned}$$

$$\begin{aligned} 8. \quad & -7\frac{23}{24} + \left(-3\frac{2}{3}\right) + 3\frac{1}{3} \\ & = -\frac{199}{24} = -8\frac{7}{24} \end{aligned}$$

Adding Mixed Fractions (J)

Find the value of each expression in lowest terms.

1. $-9\frac{1}{6} + (-13\frac{5}{14}) + (-1\frac{5}{6})$

5. $4\frac{9}{34} + (-4\frac{12}{17}) + 2\frac{1}{5}$

2. $10\frac{1}{2} + (-1\frac{11}{13}) + 1\frac{1}{2}$

6. $1\frac{1}{6} + 3\frac{3}{10} + 1\frac{19}{25}$

3. $-5\frac{5}{27} + 6\frac{23}{24} + 7\frac{5}{24}$

7. $-1\frac{17}{24} + 10\frac{2}{15} + (-3\frac{3}{5})$

4. $-7\frac{11}{15} + 1\frac{3}{5} + (-3\frac{5}{12})$

8. $5\frac{2}{3} + (-3\frac{1}{13}) + (-1\frac{2}{5})$

Adding Mixed Fractions (J) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. & -9\frac{1}{6} + \left(-13\frac{5}{14}\right) + \left(-1\frac{5}{6}\right) \\ & = -\frac{341}{14} = -24\frac{5}{14} \end{aligned}$$

$$\begin{aligned} 5. & 4\frac{9}{34} + \left(-4\frac{12}{17}\right) + 2\frac{1}{5} \\ & = \frac{299}{170} = 1\frac{129}{170} \end{aligned}$$

$$\begin{aligned} 2. & 10\frac{1}{2} + \left(-1\frac{11}{13}\right) + 1\frac{1}{2} \\ & = \frac{132}{13} = 10\frac{2}{13} \end{aligned}$$

$$\begin{aligned} 6. & 1\frac{1}{6} + 3\frac{3}{10} + 1\frac{19}{25} \\ & = \frac{467}{75} = 6\frac{17}{75} \end{aligned}$$

$$\begin{aligned} 3. & -5\frac{5}{27} + 6\frac{23}{24} + 7\frac{5}{24} \\ & = \frac{485}{54} = 8\frac{53}{54} \end{aligned}$$

$$\begin{aligned} 7. & -1\frac{17}{24} + 10\frac{2}{15} + \left(-3\frac{3}{5}\right) \\ & = \frac{193}{40} = 4\frac{33}{40} \end{aligned}$$

$$\begin{aligned} 4. & -7\frac{11}{15} + 1\frac{3}{5} + \left(-3\frac{5}{12}\right) \\ & = -\frac{191}{20} = -9\frac{11}{20} \end{aligned}$$

$$\begin{aligned} 8. & 5\frac{2}{3} + \left(-3\frac{1}{13}\right) + \left(-1\frac{2}{5}\right) \\ & = \frac{232}{195} = 1\frac{37}{195} \end{aligned}$$