

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.

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

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

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

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

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

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

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

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