

Addition de Fractions Mixtes (B)

Évaluez chaque expression.

1. $3\frac{3}{14} + 3\frac{1}{6} + \left(-2\frac{6}{7}\right)$

5. $1\frac{9}{17} + \left(-1\frac{6}{17}\right) + 2\frac{14}{17}$

2. $10\frac{2}{5} + 5\frac{3}{5} + \left(-1\frac{22}{31}\right)$

6. $1\frac{1}{42} + 2\frac{8}{21} + 1\frac{1}{12}$

3. $-1\frac{1}{6} + \left(-1\frac{1}{2}\right) + 3\frac{5}{17}$

7. $1\frac{11}{45} + \left(-1\frac{7}{10}\right) + 5\frac{2}{5}$

4. $1\frac{1}{3} + 4\frac{5}{12} + \left(-1\frac{5}{22}\right)$

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

Addition de Fractions Mixtes (B) Answers

Évaluez chaque expression.

$$\begin{aligned} 1. \quad & 3\frac{3}{14} + 3\frac{1}{6} + \left(-2\frac{6}{7}\right) \\ & = \frac{74}{21} = 3\frac{11}{21} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{9}{17} + \left(-1\frac{6}{17}\right) + 2\frac{14}{17} \\ & = 3 \end{aligned}$$

$$\begin{aligned} 2. \quad & 10\frac{2}{5} + 5\frac{3}{5} + \left(-1\frac{22}{31}\right) \\ & = \frac{443}{31} = 14\frac{9}{31} \end{aligned}$$

$$\begin{aligned} 6. \quad & 1\frac{1}{42} + 2\frac{8}{21} + 1\frac{1}{12} \\ & = \frac{377}{84} = 4\frac{41}{84} \end{aligned}$$

$$\begin{aligned} 3. \quad & -1\frac{1}{6} + \left(-1\frac{1}{2}\right) + 3\frac{5}{17} \\ & = \frac{32}{51} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1\frac{11}{45} + \left(-1\frac{7}{10}\right) + 5\frac{2}{5} \\ & = \frac{89}{18} = 4\frac{17}{18} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{1}{3} + 4\frac{5}{12} + \left(-1\frac{5}{22}\right) \\ & = \frac{199}{44} = 4\frac{23}{44} \end{aligned}$$

$$\begin{aligned} 8. \quad & 1\frac{2}{7} + 1\frac{7}{11} + 2\frac{2}{7} \\ & = \frac{401}{77} = 5\frac{16}{77} \end{aligned}$$