

Adding Mixed Fractions (I)

Find the value of each expression in lowest terms.

1. $2\frac{1}{6} + 2\frac{1}{2} + 1\frac{1}{12}$

5. $3\frac{1}{4} + 5\frac{7}{10} + 3\frac{1}{5}$

2. $1\frac{1}{4} + 2\frac{7}{10} + 3\frac{4}{5}$

6. $4\frac{21}{32} + 3\frac{23}{32} + 8\frac{15}{16}$

3. $23\frac{1}{2} + 3\frac{9}{14} + 5\frac{3}{7}$

7. $1\frac{7}{8} + 9\frac{1}{16} + 11\frac{11}{16}$

4. $8\frac{1}{2} + 9\frac{13}{18} + 5\frac{1}{2}$

8. $6\frac{4}{5} + 13\frac{1}{3} + 3\frac{4}{5}$

Adding Mixed Fractions (I) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 2\frac{1}{6} + 2\frac{1}{2} + 1\frac{1}{12} \\ & = \frac{23}{4} = 5\frac{3}{4} \end{aligned}$$

$$\begin{aligned} 5. \quad & 3\frac{1}{4} + 5\frac{7}{10} + 3\frac{1}{5} \\ & = \frac{243}{20} = 12\frac{3}{20} \end{aligned}$$

$$\begin{aligned} 2. \quad & 1\frac{1}{4} + 2\frac{7}{10} + 3\frac{4}{5} \\ & = \frac{31}{4} = 7\frac{3}{4} \end{aligned}$$

$$\begin{aligned} 6. \quad & 4\frac{21}{32} + 3\frac{23}{32} + 8\frac{15}{16} \\ & = \frac{277}{16} = 17\frac{5}{16} \end{aligned}$$

$$\begin{aligned} 3. \quad & 23\frac{1}{2} + 3\frac{9}{14} + 5\frac{3}{7} \\ & = \frac{228}{7} = 32\frac{4}{7} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1\frac{7}{8} + 9\frac{1}{16} + 11\frac{11}{16} \\ & = \frac{181}{8} = 22\frac{5}{8} \end{aligned}$$

$$\begin{aligned} 4. \quad & 8\frac{1}{2} + 9\frac{13}{18} + 5\frac{1}{2} \\ & = \frac{427}{18} = 23\frac{13}{18} \end{aligned}$$

$$\begin{aligned} 8. \quad & 6\frac{4}{5} + 13\frac{1}{3} + 3\frac{4}{5} \\ & = \frac{359}{15} = 23\frac{14}{15} \end{aligned}$$