

Adding Mixed Fractions

Find the value of each expression in lowest terms.

1. $12\frac{1}{2} + 4\frac{1}{3} + 10\frac{13}{15}$

5. $1\frac{3}{5} + 13\frac{7}{9} + 3\frac{37}{45}$

2. $1\frac{31}{36} + 1\frac{5}{24} + 3\frac{7}{9}$

6. $8\frac{1}{6} + 4\frac{7}{12} + 18\frac{1}{6}$

3. $1\frac{4}{9} + 2\frac{11}{21} + 1\frac{2}{3}$

7. $5\frac{20}{27} + 2\frac{3}{8} + 5\frac{5}{8}$

4. $1\frac{3}{5} + 5\frac{13}{15} + 7\frac{4}{15}$

8. $3\frac{3}{4} + 6\frac{7}{8} + 2\frac{5}{12}$

Adding Mixed Fractions Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 12\frac{1}{2} + 4\frac{1}{3} + 10\frac{13}{15} \\ & = \frac{277}{10} = 27\frac{7}{10} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{3}{5} + 13\frac{7}{9} + 3\frac{37}{45} \\ & = \frac{96}{5} = 19\frac{1}{5} \end{aligned}$$

$$\begin{aligned} 2. \quad & 1\frac{31}{36} + 1\frac{5}{24} + 3\frac{7}{9} \\ & = \frac{493}{72} = 6\frac{61}{72} \end{aligned}$$

$$\begin{aligned} 6. \quad & 8\frac{1}{6} + 4\frac{7}{12} + 18\frac{1}{6} \\ & = \frac{371}{12} = 30\frac{11}{12} \end{aligned}$$

$$\begin{aligned} 3. \quad & 1\frac{4}{9} + 2\frac{11}{21} + 1\frac{2}{3} \\ & = \frac{355}{63} = 5\frac{40}{63} \end{aligned}$$

$$\begin{aligned} 7. \quad & 5\frac{20}{27} + 2\frac{3}{8} + 5\frac{5}{8} \\ & = \frac{371}{27} = 13\frac{20}{27} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{3}{5} + 5\frac{13}{15} + 7\frac{4}{15} \\ & = \frac{221}{15} = 14\frac{11}{15} \end{aligned}$$

$$\begin{aligned} 8. \quad & 3\frac{3}{4} + 6\frac{7}{8} + 2\frac{5}{12} \\ & = \frac{313}{24} = 13\frac{1}{24} \end{aligned}$$