

Adding Mixed Fractions (J)

Find the value of each expression in lowest terms.

1. $1\frac{7}{15} + 1\frac{4}{35} + 11\frac{1}{3}$

5. $1\frac{3}{8} + 6\frac{1}{15} + 2\frac{7}{12}$

2. $16\frac{4}{9} + 3\frac{1}{18} + 2\frac{7}{8}$

6. $5\frac{6}{7} + 4\frac{3}{14} + 47\frac{1}{2}$

3. $3\frac{4}{35} + 2\frac{2}{5} + 2\frac{2}{5}$

7. $2\frac{1}{12} + 1\frac{5}{9} + 1\frac{5}{6}$

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

8. $5\frac{1}{4} + 23\frac{1}{2} + 9\frac{1}{8}$

Adding Mixed Fractions (J) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{7}{15} + 1\frac{4}{35} + 11\frac{1}{3} \\ & = \frac{487}{35} = 13\frac{32}{35} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{3}{8} + 6\frac{1}{15} + 2\frac{7}{12} \\ & = \frac{401}{40} = 10\frac{1}{40} \end{aligned}$$

$$\begin{aligned} 2. \quad & 16\frac{4}{9} + 3\frac{1}{18} + 2\frac{7}{8} \\ & = \frac{179}{8} = 22\frac{3}{8} \end{aligned}$$

$$\begin{aligned} 6. \quad & 5\frac{6}{7} + 4\frac{3}{14} + 47\frac{1}{2} \\ & = \frac{403}{7} = 57\frac{4}{7} \end{aligned}$$

$$\begin{aligned} 3. \quad & 3\frac{4}{35} + 2\frac{2}{5} + 2\frac{2}{5} \\ & = \frac{277}{35} = 7\frac{32}{35} \end{aligned}$$

$$\begin{aligned} 7. \quad & 2\frac{1}{12} + 1\frac{5}{9} + 1\frac{5}{6} \\ & = \frac{197}{36} = 5\frac{17}{36} \end{aligned}$$

$$\begin{aligned} 4. \quad & 6\frac{5}{8} + 6\frac{3}{5} + 3\frac{3}{8} \\ & = \frac{83}{5} = 16\frac{3}{5} \end{aligned}$$

$$\begin{aligned} 8. \quad & 5\frac{1}{4} + 23\frac{1}{2} + 9\frac{1}{8} \\ & = \frac{303}{8} = 37\frac{7}{8} \end{aligned}$$