

Adding Mixed Fractions (D)

Find the value of each expression in lowest terms.

1. $11\frac{1}{6} + 6\frac{1}{3} + 12\frac{3}{16}$

5. $2\frac{5}{6} + 1\frac{5}{18} + 15\frac{2}{3}$

2. $8\frac{3}{11} + 5\frac{8}{11} + 5\frac{9}{11}$

6. $2\frac{37}{48} + 3\frac{1}{4} + 11\frac{3}{16}$

3. $1\frac{39}{40} + 1\frac{5}{6} + 5\frac{17}{30}$

7. $8\frac{6}{11} + 1\frac{3}{22} + 3\frac{9}{11}$

4. $8\frac{1}{12} + 4\frac{11}{12} + 6\frac{8}{11}$

8. $2\frac{11}{13} + 5\frac{2}{39} + 5\frac{5}{6}$

Adding Mixed Fractions (D) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 11\frac{1}{6} + 6\frac{1}{3} + 12\frac{3}{16} \\ & = \frac{475}{16} = 29\frac{11}{16} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{5}{6} + 1\frac{5}{18} + 15\frac{2}{3} \\ & = \frac{178}{9} = 19\frac{7}{9} \end{aligned}$$

$$\begin{aligned} 2. \quad & 8\frac{3}{11} + 5\frac{8}{11} + 5\frac{9}{11} \\ & = \frac{218}{11} = 19\frac{9}{11} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{37}{48} + 3\frac{1}{4} + 11\frac{3}{16} \\ & = \frac{413}{24} = 17\frac{5}{24} \end{aligned}$$

$$\begin{aligned} 3. \quad & 1\frac{39}{40} + 1\frac{5}{6} + 5\frac{17}{30} \\ & = \frac{75}{8} = 9\frac{3}{8} \end{aligned}$$

$$\begin{aligned} 7. \quad & 8\frac{6}{11} + 1\frac{3}{22} + 3\frac{9}{11} \\ & = \frac{27}{2} = 13\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 4. \quad & 8\frac{1}{12} + 4\frac{11}{12} + 6\frac{8}{11} \\ & = \frac{217}{11} = 19\frac{8}{11} \end{aligned}$$

$$\begin{aligned} 8. \quad & 2\frac{11}{13} + 5\frac{2}{39} + 5\frac{5}{6} \\ & = \frac{357}{26} = 13\frac{19}{26} \end{aligned}$$