

Do NOT work these as improper fractions. Here are a few worked out.

1) $14\frac{2}{7} + 23\frac{6}{7} =$

$$\begin{array}{r} 14\frac{2}{7} \\ + 23\frac{6}{7} \\ \hline 37\frac{8}{7} = 38\frac{1}{7} \end{array}$$

2) $35\frac{1}{5} - 13\frac{1}{6} =$

$$\begin{array}{r} 35\frac{1.6}{5.6} \\ - 13\frac{1.5}{6.5} \\ \hline \end{array} \quad \begin{array}{r} 35\frac{6}{30} \\ - 13\frac{5}{30} \\ \hline 22\frac{1}{30} \end{array}$$

3) $9\frac{2}{5} - 4\frac{2}{3} =$

$$\begin{array}{r} 9\frac{2.3}{5.3} \\ - 4\frac{2.5}{3.5} \\ \hline \end{array} \quad \begin{array}{r} 8\frac{6}{15} + \frac{15}{15} \\ - 4\frac{10}{15} \\ \hline \end{array} \quad \begin{array}{r} 8\frac{21}{15} \\ - 4\frac{10}{15} \\ \hline 4\frac{11}{15} \end{array}$$

4) $15\frac{3}{8} - 12\frac{4}{5} =$

$$\begin{array}{r} 15\frac{3.5}{8.5} \\ - 12\frac{4.8}{5.8} \\ \hline \end{array} \quad \begin{array}{r} 14\frac{15}{40} + \frac{40}{40} \\ - 12\frac{32}{40} \\ \hline \end{array} \quad \begin{array}{r} 14\frac{55}{40} \\ - 12\frac{32}{40} \\ \hline 2\frac{23}{40} \end{array}$$

5) $23\frac{3}{4} + 42\frac{5}{8} =$

$$\begin{array}{r} 23\frac{3.2}{4.2} \\ + 42\frac{5}{8} \\ \hline \end{array} \quad \begin{array}{r} 23\frac{6}{8} \\ + 42\frac{5}{8} \\ \hline 65\frac{11}{8} = 66\frac{3}{8} \end{array}$$

6) $35\frac{2}{3} - 23\frac{4}{7} =$

$$\begin{array}{r} 35\frac{2.7}{3.7} \\ - 23\frac{4.3}{7.3} \\ \hline \end{array} \quad \begin{array}{r} 35\frac{14}{21} \\ - 23\frac{12}{21} \\ \hline 12\frac{2}{21} \end{array}$$

7) $7\frac{1}{4} - 2\frac{5}{6} =$

$$\begin{array}{r} 7\frac{1.3}{4.3} \\ - 2\frac{5.2}{6.2} \\ \hline \end{array} \quad \begin{array}{r} 6\frac{3}{12} + \frac{12}{12} \\ - 2\frac{10}{12} \\ \hline \end{array} \quad \begin{array}{r} 6\frac{15}{12} \\ - 2\frac{10}{12} \\ \hline 4\frac{5}{12} \end{array}$$

ANSWERS to Addition and Subtraction, Mixed Numbers:

1) $38\frac{1}{7}$

3) $4\frac{11}{15}$

5) $66\frac{3}{8}$

2) $22\frac{1}{30}$

4) $2\frac{23}{40}$

6) $12\frac{2}{21}$

7) $4\frac{5}{12}$