

Opérations Mixtes (A)

Complétez les exercices suivants

$$+ \frac{2}{7} \quad + \frac{1}{5} \quad + \frac{3}{6} \quad - \frac{14}{7} \quad - \frac{11}{7} \quad - \frac{10}{6} \quad - \frac{12}{5} \quad + \frac{1}{3} \quad - \frac{6}{1} \quad - \frac{12}{6}$$

$$\begin{array}{r}
 + \frac{2}{7} \\
 + \frac{5}{4} \\
 - \frac{10}{3} \\
 - \frac{10}{7} \\
 - \frac{8}{1} \\
 + \frac{5}{4} \\
 + \frac{1}{6} \\
 - \frac{13}{7} \\
 + \frac{6}{1} \\
 + \frac{1}{3}
 \end{array}$$

$$+ \frac{5}{2} + \frac{2}{1} + \frac{2}{7} + \frac{2}{2} - \frac{7}{1} - \frac{6}{3} + \frac{5}{6} - \frac{10}{7} - \frac{10}{3} + \frac{2}{7}$$

$$\begin{array}{ccccccccccccc}
 + & 7 & & 5 & & 8 & & 6 & & 7 & & 7 & & 8 & & 5 & + & 1 & & 8 \\
 + & 6 & - & 2 & - & 7 & + & 4 & + & 4 & - & 4 & - & 1 & + & 3 & + & 5 & - & 3
 \end{array}$$

$$-\frac{8}{5} - \frac{9}{3} + \frac{4}{2} + \frac{3}{7} + \frac{2}{1} - \frac{3}{2} - \frac{4}{2} + \frac{4}{6} + \frac{6}{2} + \frac{6}{4}$$

$$-\begin{array}{r} 8 \\ 5 \end{array} -\begin{array}{r} 9 \\ 7 \end{array} +\begin{array}{r} 6 \\ 5 \end{array} +\begin{array}{r} 6 \\ 2 \end{array} +\begin{array}{r} 3 \\ 5 \end{array} +\begin{array}{r} 5 \\ 4 \end{array} +\begin{array}{r} 4 \\ 4 \end{array} +\begin{array}{r} 5 \\ 1 \end{array} +\begin{array}{r} 3 \\ 5 \end{array} +\begin{array}{r} 2 \\ 1 \end{array}$$

$$-\frac{10}{4} + \frac{3}{7} + \frac{5}{3} + \frac{2}{4} - \frac{9}{4} + \frac{3}{4} - \frac{5}{1} + \frac{4}{2} + \frac{5}{1} - \frac{9}{5}$$

$$+ \begin{array}{r} 2 \\ 6 \end{array} + \begin{array}{r} 4 \\ 3 \end{array} + \begin{array}{r} 3 \\ 4 \end{array} - \begin{array}{r} 9 \\ 3 \end{array} - \begin{array}{r} 8 \\ 1 \end{array} - \begin{array}{r} 10 \\ 6 \end{array} + \begin{array}{r} 4 \\ 5 \end{array} - \begin{array}{r} 9 \\ 3 \end{array} + \begin{array}{r} 6 \\ 6 \end{array} + \begin{array}{r} 2 \\ 3 \end{array}$$

$$+ \begin{array}{r} 3 \\ 6 \end{array} - \begin{array}{r} 13 \\ 7 \end{array} - \begin{array}{r} 9 \\ 2 \end{array} - \begin{array}{r} 7 \\ 2 \end{array} - \begin{array}{r} 6 \\ 2 \end{array} - \begin{array}{r} 5 \\ 4 \end{array} + \begin{array}{r} 5 \\ 7 \end{array} + \begin{array}{r} 6 \\ 7 \end{array} - \begin{array}{r} 7 \\ 4 \end{array} - \begin{array}{r} 3 \\ 1 \end{array}$$

$$-\frac{10}{3} + \frac{2}{1} + \frac{2}{6} + \frac{7}{3} - \frac{7}{6} - \frac{8}{1} - \frac{6}{3} + \frac{6}{7} - \frac{7}{6} + \frac{4}{5}$$

Opérations Mixtes Solutions (A)

Complétez les exercices suivants

$$\begin{array}{r}
 + \frac{2}{7} \\
 + \frac{1}{5} \\
 \hline
 \frac{9}{6}
 \end{array}
 \quad
 \begin{array}{r}
 + \frac{3}{6} \\
 - \frac{14}{7} \\
 \hline
 \frac{9}{7}
 \end{array}
 \quad
 \begin{array}{r}
 - \frac{11}{7} \\
 - \frac{6}{4} \\
 \hline
 \frac{4}{4}
 \end{array}
 \quad
 \begin{array}{r}
 - \frac{10}{6} \\
 - \frac{5}{7} \\
 \hline
 \frac{7}{5}
 \end{array}
 \quad
 \begin{array}{r}
 - \frac{12}{5} \\
 + \frac{3}{4} \\
 \hline
 \frac{4}{1}
 \end{array}
 \quad
 \begin{array}{r}
 - \frac{6}{1} \\
 - \frac{1}{5} \\
 \hline
 \frac{5}{6}
 \end{array}
 \quad
 \begin{array}{r}
 - \frac{12}{6} \\
 \hline
 \frac{6}{6}
 \end{array}$$

$$\begin{array}{r} \underline{+} \\ \begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array} & \begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array} & \begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array} & \begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array} & \begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array} & \begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array} & \begin{array}{r} 1 \\ + 6 \\ \hline 7 \end{array} & \begin{array}{r} 13 \\ - 7 \\ \hline 6 \end{array} & \begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array} & \begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array} \end{array}$$

$$\begin{array}{r} + \frac{5}{2} \\ + \frac{2}{7} \\ \hline - \frac{7}{9} \end{array} \quad \begin{array}{r} + \frac{2}{1} \\ + \frac{2}{3} \\ \hline - \frac{4}{9} \end{array} \quad \begin{array}{r} + \frac{2}{2} \\ + \frac{1}{6} \\ \hline - \frac{3}{6} \end{array} \quad \begin{array}{r} + \frac{7}{6} \\ + \frac{3}{11} \\ \hline - \frac{10}{3} \end{array} \quad \begin{array}{r} + \frac{5}{6} \\ + \frac{7}{3} \\ \hline - \frac{7}{7} \end{array} \quad \begin{array}{r} + \frac{10}{3} \\ + \frac{2}{9} \\ \hline - \frac{10}{9} \end{array}$$

$$\begin{array}{r}
 + \quad 7 & - \quad 5 & - \quad 8 & + \quad 6 & + \quad 7 & - \quad 7 & - \quad 8 & + \quad 5 & + \quad 1 & - \quad 8 \\
 + \quad 6 & - \quad 2 & - \quad 7 & + \quad 4 & + \quad 4 & - \quad 4 & - \quad 1 & + \quad 3 & + \quad 5 & - \quad 3 \\
 \hline
 13 & 3 & 1 & 10 & 11 & 3 & 7 & 8 & 6 & 5
 \end{array}$$

$$\begin{array}{r}
 -8 \\
 -5 \\
 \hline
 3
 \end{array}
 \quad
 \begin{array}{r}
 -9 \\
 -3 \\
 \hline
 6
 \end{array}
 \quad
 \begin{array}{r}
 +4 \\
 +2 \\
 \hline
 6
 \end{array}
 \quad
 \begin{array}{r}
 +3 \\
 +7 \\
 \hline
 10
 \end{array}
 \quad
 \begin{array}{r}
 +2 \\
 +1 \\
 \hline
 3
 \end{array}
 \quad
 \begin{array}{r}
 -3 \\
 -2 \\
 \hline
 1
 \end{array}
 \quad
 \begin{array}{r}
 -4 \\
 -2 \\
 \hline
 2
 \end{array}
 \quad
 \begin{array}{r}
 +4 \\
 +6 \\
 \hline
 10
 \end{array}
 \quad
 \begin{array}{r}
 +6 \\
 +2 \\
 \hline
 8
 \end{array}
 \quad
 \begin{array}{r}
 +6 \\
 +4 \\
 \hline
 10
 \end{array}$$

$$\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array} \quad \begin{array}{r} 9 \\ - 7 \\ \hline 2 \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array} \quad \begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array} \quad \begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array} \quad \begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array} \quad \begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array} \quad \begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} \underline{-} \quad \underline{+} \quad \underline{+} \quad \underline{+} \quad \underline{-} \quad \underline{+} \quad \underline{-} \quad \underline{+} \quad \underline{+} \quad \underline{-} \\ \begin{array}{r} 10 \\ 4 \\ 6 \end{array} \quad \begin{array}{r} 3 \\ 7 \\ 10 \end{array} \quad \begin{array}{r} 5 \\ 3 \\ 8 \end{array} \quad \begin{array}{r} 2 \\ 4 \\ 6 \end{array} \quad \begin{array}{r} 9 \\ 4 \\ 5 \end{array} \quad \begin{array}{r} 3 \\ 4 \\ 7 \end{array} \quad \begin{array}{r} 5 \\ 1 \\ 4 \end{array} \quad \begin{array}{r} 4 \\ 2 \\ 6 \end{array} \quad \begin{array}{r} 5 \\ 1 \\ 6 \end{array} \quad \begin{array}{r} 9 \\ 5 \\ 4 \end{array} \end{array}$$

$$\begin{array}{r} \underline{+} \\ \begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array} \end{array} \quad \begin{array}{r} \underline{+} \\ \begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array} \end{array} \quad \begin{array}{r} \underline{+} \\ \begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array} \end{array} \quad \begin{array}{r} \underline{-} \\ \begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array} \end{array} \quad \begin{array}{r} \underline{-} \\ \begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array} \end{array} \quad \begin{array}{r} \underline{-} \\ \begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array} \end{array} \quad \begin{array}{r} \underline{+} \\ \begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array} \end{array} \quad \begin{array}{r} \underline{-} \\ \begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array} \end{array} \quad \begin{array}{r} \underline{+} \\ \begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array} \end{array} \quad \begin{array}{r} \underline{+} \\ \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \end{array}$$

$$\begin{array}{r}
 + \frac{3}{6} \\
 - \frac{13}{7} \\
 - \frac{9}{2} \\
 - \frac{7}{2} \\
 - \frac{6}{4} \\
 - \frac{5}{1} \\
 + \frac{5}{12} \\
 + \frac{6}{13} \\
 - \frac{7}{3} \\
 - \frac{3}{2}
 \end{array}$$

$$\begin{array}{r}
 -\frac{10}{3} \quad +\frac{2}{1} \quad +\frac{2}{6} \quad +\frac{7}{3} \quad -\frac{7}{6} \quad -\frac{8}{1} \quad -\frac{6}{3} \quad +\frac{6}{7} \quad -\frac{7}{6} \quad +\frac{4}{5} \\
 \hline
 7 \qquad 3 \qquad 8 \qquad 10 \qquad 1 \qquad 7 \qquad 3 \qquad 13 \qquad 1 \qquad 9
 \end{array}$$

Opérations Mixtes (B)

Complétez les exercices suivants

$$\begin{array}{r}
 -10 \\
 -3 \\
 \hline
 -3
 \end{array}
 \quad
 \begin{array}{r}
 -9 \\
 -3 \\
 \hline
 -1
 \end{array}
 \quad
 \begin{array}{r}
 -4 \\
 -1 \\
 \hline
 -5
 \end{array}
 \quad
 \begin{array}{r}
 -12 \\
 -5 \\
 \hline
 +2
 \end{array}
 \quad
 \begin{array}{r}
 +4 \\
 -2 \\
 \hline
 -3
 \end{array}
 \quad
 \begin{array}{r}
 -5 \\
 -3 \\
 \hline
 -6
 \end{array}
 \quad
 \begin{array}{r}
 -6 \\
 +4 \\
 \hline
 +1
 \end{array}
 \quad
 \begin{array}{r}
 -8 \\
 -6 \\
 \hline
 +1
 \end{array}$$

$$\begin{array}{r}
 4 & 1 & 5 & 5 & 5 & 2 & 6 & 5 & 8 & 10 \\
 + 3 & + 1 & + 5 & + 6 & - 4 & + 3 & + 5 & + 3 & - 4 & - 6 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 5 & 6 & 4 & 4 & 8 & 12 & 7 & 4 & 5 & 6 \\
 + 3 & - 3 & + 5 & + 2 & - 1 & - 7 & + 5 & - 2 & - 2 & + 1 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 \underline{-} \quad \underline{-} \quad \underline{+} \quad \underline{+} \quad \underline{+} \quad \underline{-} \quad \underline{+} \quad \underline{+} \quad \underline{+} \quad \underline{+} \\
 10 \quad 4 \quad 7 \quad 4 \quad 3 \quad 7 \quad 1 \quad 2 \quad 1 \quad 5 \quad 2 \\
 -6 \quad -3 \quad +5 \quad +2 \quad +2 \quad -5 \quad +2 \quad +1 \quad +5 \quad +4
 \end{array}$$

$$\begin{array}{r}
 6 & 8 & 5 & 7 & 7 & 6 & 6 & 8 & 5 & 9 \\
 + 4 & - 7 & - 2 & - 6 & - 5 & - 2 & - 3 & - 6 & + 4 & - 2 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 2 & 5 & 6 & 10 & 5 & 9 & 1 & 8 & 11 & 8 \\
 + 2 & + 3 & - 1 & - 7 & + 1 & - 4 & + 1 & - 3 & - 5 & - 5 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 7 & 9 & 9 & 7 & 5 & 6 & 4 & 5 & 10 & 6 \\
 - 4 & - 5 & - 6 & - 1 & - 3 & - 4 & + 2 & - 3 & - 4 & + 5 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 -12 \\
 -7 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 +7 \\
 +3 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 +5 \\
 +7 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 +3 \\
 +6 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 -13 \\
 -6 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 -9 \\
 -4 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 +3 \\
 +1 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 -12 \\
 -5 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 +1 \\
 +3 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 -6 \\
 -2 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 -10 \\
 -6 \\
 \hline
 -5
 \end{array}
 \quad
 \begin{array}{r}
 +4 \\
 +7 \\
 \hline
 -1
 \end{array}
 \quad
 \begin{array}{r}
 -5 \\
 -1 \\
 \hline
 -2
 \end{array}
 \quad
 \begin{array}{r}
 -8 \\
 -5 \\
 \hline
 -3
 \end{array}
 \quad
 \begin{array}{r}
 -9 \\
 -6 \\
 \hline
 -3
 \end{array}
 \quad
 \begin{array}{r}
 -4 \\
 -3 \\
 \hline
 -1
 \end{array}
 \quad
 \begin{array}{r}
 -8 \\
 -1 \\
 \hline
 -7
 \end{array}$$

$$\begin{array}{r}
 8 & 9 & 1 & 11 & 3 & 7 & 7 & 4 & 2 & 5 \\
 -2 & -5 & +7 & -6 & -1 & +5 & +1 & -2 & +1 & +5 \\
 \hline
\end{array}$$

Opérations Mixtes Solutions (B)

Complétez les exercices suivants

$$\begin{array}{r}
 -\frac{10}{3} \\
 -\frac{9}{6} \\
 -\frac{4}{3} \\
 -\frac{12}{7} \\
 +\frac{4}{6} \\
 -\frac{5}{3} \\
 -\frac{6}{3} \\
 +\frac{1}{5} \\
 -\frac{8}{2} \\
 +\frac{1}{2}
 \end{array}$$

$$\begin{array}{r}
 \frac{4}{+ 3} \quad \frac{1}{+ 1} \quad \frac{5}{+ 5} \quad \frac{5}{+ 6} \quad \frac{5}{- 4} \quad \frac{2}{+ 3} \quad \frac{6}{+ 5} \quad \frac{5}{+ 3} \quad \frac{8}{- 4} \quad \frac{10}{- 6} \\
 \hline
 7 \qquad 2 \qquad 10 \qquad 11 \qquad 1 \qquad 5 \qquad 11 \qquad 8 \qquad 4 \qquad 4
 \end{array}$$

$$\begin{array}{r}
 + \quad 5 & - \quad 6 & + \quad 4 & + \quad 4 & - \quad 8 & - \quad 12 & + \quad 7 & - \quad 4 & - \quad 5 & + \quad 6 \\
 + \quad 3 & - \quad 3 & + \quad 5 & + \quad 2 & - \quad 1 & - \quad 7 & + \quad 5 & - \quad 2 & - \quad 2 & + \quad 1 \\
 \hline
 \textcolor{red}{8} & \textcolor{red}{3} & \textcolor{red}{9} & \textcolor{red}{6} & \textcolor{red}{7} & \textcolor{red}{5} & \textcolor{red}{12} & \textcolor{red}{2} & \textcolor{red}{3} & \textcolor{red}{7}
 \end{array}$$

$$\begin{array}{r}
 -\frac{10}{6} \quad -\frac{4}{3} \quad +\frac{7}{5} \quad +\frac{4}{2} \quad +\frac{3}{2} \quad -\frac{7}{5} \quad +\frac{1}{2} \quad +\frac{2}{1} \quad +\frac{1}{5} \quad +\frac{2}{4} \\
 \hline
 4 \qquad 1 \qquad 12 \qquad 6 \qquad 5 \qquad 2 \qquad 3 \qquad 3 \qquad 6 \qquad 6
 \end{array}$$

$$\begin{array}{r}
 + \frac{6}{4} \quad - \frac{8}{7} \quad - \frac{5}{2} \quad - \frac{7}{6} \quad - \frac{7}{5} \quad - \frac{6}{2} \quad - \frac{6}{3} \quad - \frac{8}{6} \quad + \frac{5}{4} \quad - \frac{9}{2} \\
 \hline
 10 \qquad \qquad \qquad \textcolor{red}{1} \qquad \qquad \textcolor{red}{2} \qquad \qquad \textcolor{red}{4} \qquad \qquad \textcolor{red}{3} \qquad \qquad \textcolor{red}{2} \qquad \qquad \textcolor{red}{9} \qquad \qquad \textcolor{red}{7}
 \end{array}$$

$$\begin{array}{r} \frac{2}{+ 2} \quad \frac{5}{+ 3} \quad \frac{6}{- 1} \quad \frac{10}{- 7} \quad \frac{5}{+ 1} \quad \frac{9}{- 4} \quad \frac{1}{+ 1} \quad \frac{8}{- 3} \quad \frac{11}{- 5} \quad \frac{8}{- 5} \\ \hline \frac{4}{8} \quad \frac{8}{5} \quad \frac{5}{- 3} \quad \frac{3}{6} \quad \frac{6}{- 5} \quad \frac{5}{- 2} \quad \frac{2}{- 5} \quad \frac{5}{- 6} \quad \frac{6}{- 3} \quad \frac{3}{- 3} \end{array}$$

$$\begin{array}{r} \underline{-} \quad \underline{\quad} \\ \begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array} \quad \begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array} \quad \begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array} \quad \begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array} \quad \begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array} \quad \begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array} \end{array}$$

$$\begin{array}{r}
 -\frac{12}{7} \quad +\frac{7}{3} \quad +\frac{5}{7} \quad +\frac{3}{6} \quad -\frac{13}{6} \quad -\frac{9}{4} \quad +\frac{3}{1} \quad -\frac{12}{5} \quad +\frac{1}{3} \quad -\frac{6}{2} \\
 \hline
 5 \qquad 10 \qquad 12 \qquad 9 \qquad 7 \qquad 5 \qquad 4 \qquad 7 \qquad 4 \qquad 4
 \end{array}$$

$$\begin{array}{r}
 -\frac{10}{6} \\
 -\frac{5}{2} \\
 +\frac{4}{7} \\
 -\frac{5}{1} \\
 -\frac{2}{1} \\
 -\frac{8}{5} \\
 -\frac{9}{6} \\
 -\frac{4}{3} \\
 -\frac{8}{1} \\
 -\frac{11}{7}
 \end{array}$$

$$\begin{array}{r}
 -\frac{8}{2} \\
 -\frac{9}{4} \\
 +\frac{1}{8} \\
 -\frac{11}{5} \\
 -\frac{3}{2} \\
 +\frac{7}{12} \\
 +\frac{7}{8} \\
 -\frac{4}{2} \\
 +\frac{2}{3} \\
 +\frac{5}{10}
 \end{array}$$

Opérations Mixtes (C)

Complétez les exercices suivants

$$\begin{array}{r}
 + 7 \\
 \underline{+ 7} \\
 - 5 \\
 \underline{- 2} \\
 + 5 \\
 \underline{+ 3} \\
 + 5 \\
 \underline{+ 5} \\
 - 4 \\
 \underline{- 4} \\
 + 3 \\
 \underline{+ 3} \\
 - 6 \\
 \underline{- 6}
 \end{array}$$

$$\begin{array}{r}
 -\ 3 \\
 -\ 1 \\
 \hline
 -\ 7
 \end{array}
 \quad
 \begin{array}{r}
 +\ 3 \\
 +\ 1 \\
 \hline
 -\ 1
 \end{array}
 \quad
 \begin{array}{r}
 -\ 9 \\
 -\ 4 \\
 \hline
 -\ 4
 \end{array}
 \quad
 \begin{array}{r}
 -\ 5 \\
 -\ 4 \\
 \hline
 -\ 7
 \end{array}
 \quad
 \begin{array}{r}
 -\ 14 \\
 -\ 7 \\
 \hline
 -\ 6
 \end{array}
 \quad
 \begin{array}{r}
 -\ 13 \\
 -\ 6 \\
 \hline
 -\ 2
 \end{array}
 \quad
 \begin{array}{r}
 +\ 8 \\
 +\ 2 \\
 \hline
 +\ 4
 \end{array}$$

$$+ \begin{array}{r} 5 \\ 3 \end{array} - \begin{array}{r} 11 \\ 4 \end{array} - \begin{array}{r} 13 \\ 6 \end{array} + \begin{array}{r} 2 \\ 3 \end{array} - \begin{array}{r} 4 \\ 2 \end{array} + \begin{array}{r} 6 \\ 5 \end{array} - \begin{array}{r} 10 \\ 3 \end{array} + \begin{array}{r} 1 \\ 6 \end{array} + \begin{array}{r} 7 \\ 4 \end{array} + \begin{array}{r} 4 \\ 4 \end{array}$$

$$-\frac{12}{7} + \frac{5}{4} + \frac{3}{3} + \frac{7}{3} + \frac{6}{6} + \frac{7}{3} + \frac{1}{3} - \frac{9}{4} - \frac{10}{7} - \frac{6}{3}$$

$$+ \frac{4}{1} + \frac{6}{5} - \frac{10}{3} + \frac{1}{1} + \frac{1}{5} - \frac{11}{5} + \frac{7}{1} - \frac{8}{7} + \frac{4}{3} - \frac{7}{3}$$

$$+ \frac{3}{7} - \frac{11}{6} - \frac{10}{6} + \frac{4}{3} - \frac{14}{7} + \frac{7}{3} + \frac{3}{6} + \frac{4}{4} + \frac{4}{3} - \frac{8}{7}$$

$$- \begin{array}{r} 9 \\ 3 \end{array} - \begin{array}{r} 9 \\ 5 \end{array} - \begin{array}{r} 2 \\ 1 \end{array} + \begin{array}{r} 6 \\ 7 \end{array} + \begin{array}{r} 4 \\ 4 \end{array} - \begin{array}{r} 10 \\ 3 \end{array} + \begin{array}{r} 3 \\ 2 \end{array} + \begin{array}{r} 7 \\ 1 \end{array} + \begin{array}{r} 6 \\ 3 \end{array} - \begin{array}{r} 9 \\ 3 \end{array}$$

$$= \frac{4}{1} + \frac{1}{7} + \frac{6}{5} - \frac{7}{4} + \frac{1}{5} - \frac{11}{6} - \frac{12}{7} + \frac{5}{1} - \frac{8}{2} - \frac{9}{7}$$

$$+ \begin{array}{r} 2 \\ 5 \end{array} = \begin{array}{r} 10 \\ 7 \end{array} + \begin{array}{r} 4 \\ 5 \end{array} + \begin{array}{r} 4 \\ 6 \end{array} + \begin{array}{r} 7 \\ 7 \end{array} + \begin{array}{r} 7 \\ 6 \end{array} - \begin{array}{r} 8 \\ 1 \end{array} - \begin{array}{r} 10 \\ 6 \end{array} + \begin{array}{r} 4 \\ 4 \end{array} - \begin{array}{r} 9 \\ 2 \end{array}$$

$$+ \frac{5}{6} + \frac{6}{7} = \frac{12}{6} + \frac{7}{1} + \frac{1}{5} = \frac{9}{2} + \frac{1}{7} - \frac{11}{5} = \frac{3}{2} - \frac{9}{6}$$

Opérations Mixtes Solutions (C)

Complétez les exercices suivants

$$\begin{array}{r} 7 \\ + 7 \\ \hline 14 \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array} \quad \begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array} \quad \begin{array}{r} 7 \\ + 5 \\ \hline 12 \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array} \quad \begin{array}{r} 9 \\ - 4 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array} \quad \begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array}$$
$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 11 \\ - 7 \\ \hline 4 \end{array} \quad \begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 9 \\ - 4 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array} \quad \begin{array}{r} 14 \\ - 7 \\ \hline 7 \end{array} \quad \begin{array}{r} 13 \\ - 6 \\ \hline 7 \end{array} \quad \begin{array}{r} 8 \\ - 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array}$$
$$\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array} \quad \begin{array}{r} 11 \\ - 4 \\ \hline 7 \end{array} \quad \begin{array}{r} 13 \\ - 6 \\ \hline 7 \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array} \quad \begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 1 \\ + 6 \\ \hline 7 \end{array} \quad \begin{array}{r} 7 \\ + 4 \\ \hline 11 \end{array} \quad \begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$$
$$\begin{array}{r} 12 \\ - 7 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array} \quad \begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array} \quad \begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array} \quad \begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 9 \\ - 4 \\ \hline 5 \end{array} \quad \begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array} \quad \begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$$
$$\begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array} \quad \begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array} \quad \begin{array}{r} 11 \\ - 5 \\ \hline 1 \end{array} \quad \begin{array}{r} 11 \\ - 7 \\ \hline 1 \end{array} \quad \begin{array}{r} 7 \\ - 7 \\ \hline 7 \end{array} \quad \begin{array}{r} 4 \\ - 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array}$$
$$\begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array} \quad \begin{array}{r} 11 \\ - 6 \\ \hline 5 \end{array} \quad \begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 14 \\ - 7 \\ \hline 7 \end{array} \quad \begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array} \quad \begin{array}{r} 3 \\ + 6 \\ \hline 9 \end{array} \quad \begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array}$$
$$\begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array} \quad \begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array} \quad \begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array} \quad \begin{array}{r} 6 \\ + 7 \\ \hline 13 \end{array} \quad \begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array} \quad \begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array}$$
$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array} \quad \begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array} \quad \begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array} \quad \begin{array}{r} 11 \\ - 6 \\ \hline 5 \end{array} \quad \begin{array}{r} 12 \\ - 7 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 8 \\ - 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 9 \\ - 7 \\ \hline 2 \end{array}$$
$$\begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array} \quad \begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array} \quad \begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array} \quad \begin{array}{r} 4 \\ + 6 \\ \hline 10 \end{array} \quad \begin{array}{r} 7 \\ + 7 \\ \hline 14 \end{array} \quad \begin{array}{r} 7 \\ + 6 \\ \hline 13 \end{array} \quad \begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array} \quad \begin{array}{r} 9 \\ - 7 \\ \hline 2 \end{array}$$
$$\begin{array}{r} 5 \\ + 6 \\ \hline 11 \end{array} \quad \begin{array}{r} 6 \\ + 7 \\ \hline 13 \end{array} \quad \begin{array}{r} 12 \\ - 6 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array} \quad \begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array} \quad \begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array} \quad \begin{array}{r} 11 \\ - 5 \\ \hline 6 \end{array} \quad \begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array} \quad \begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array}$$

Opérations Mixtes (D)

Complétez les exercices suivants

$$\begin{array}{r}
 + \quad 1 \\
 + \quad 4 \\
 \hline
 + \quad 5 \\
 - \quad 1 \\
 \hline
 - \quad 6 \\
 - \quad 7 \\
 \hline
 + \quad 2 \\
 + \quad 7 \\
 \hline
 + \quad 2 \\
 + \quad 7 \\
 \hline
 + \quad 4 \\
 + \quad 7 \\
 \hline
 - \quad 3 \\
 - \quad 5 \\
 \hline
 - \quad 6 \\
 - \quad 5 \\
 \hline
 - \quad 11 \\
 - \quad 4
 \end{array}$$

$$\begin{array}{r}
 -\frac{11}{6} \\
 -\frac{9}{5} \\
 +\frac{4}{2} \\
 -\frac{8}{7} \\
 +\frac{5}{5} \\
 -\frac{11}{5} \\
 -\frac{7}{3} \\
 +\frac{7}{7} \\
 -\frac{10}{3} \\
 -\frac{11}{4}
 \end{array}$$

$$\begin{array}{r}
 -8 \\
 -2 \\
 \hline
 -13 \\
 -6 \\
 \hline
 -8 \\
 +3 \\
 \hline
 7 \\
 -7 \\
 \hline
 -10 \\
 -4 \\
 \hline
 -7 \\
 +1 \\
 \hline
 1 \\
 -2 \\
 \hline
 3 \\
 -7 \\
 \hline
 -14 \\
 +4 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 + \frac{6}{2} \\
 - \frac{3}{2} \\
 - \frac{8}{5} \\
 - \frac{2}{1} \\
 - \frac{8}{7} \\
 + \frac{2}{6} \\
 + \frac{1}{4} \\
 - \frac{4}{1} \\
 + \frac{6}{1} \\
 - \frac{7}{4}
 \end{array}$$

$$\begin{array}{r}
 -5 & +2 & -13 & -7 & +2 & +6 & +3 & +6 & +6 & +4 \\
 -3 & +3 & -6 & -5 & +1 & +5 & +5 & +6 & +3 & +5
 \end{array}$$

$$\begin{array}{r}
 + \quad 4 & - \quad 11 & + \quad 3 & - \quad 5 & + \quad 3 & - \quad 7 & + \quad 3 & - \quad 9 & - \quad 13 & + \quad 2 \\
 \underline{+} \quad 7 & \underline{-} \quad 6 & \underline{+} \quad 6 & \underline{-} \quad 3 & \underline{+} \quad 1 & \underline{-} \quad 3 & \underline{+} \quad 2 & \underline{-} \quad 5 & \underline{-} \quad 7 & \underline{+} \quad 7
 \end{array}$$

$$\begin{array}{r}
 + \quad 3 \\
 + \quad 7 \\
 \hline
 - \quad 11 \\
 - \quad 4 \\
 \hline
 + \quad 3 \\
 + \quad 5 \\
 \hline
 - \quad 7 \\
 - \quad 3 \\
 \hline
 + \quad 2 \\
 + \quad 2 \\
 \hline
 + \quad 4 \\
 + \quad 6 \\
 \hline
 + \quad 6 \\
 + \quad 7 \\
 \hline
 + \quad 3 \\
 + \quad 3 \\
 \hline
 - \quad 6 \\
 - \quad 3
 \end{array}$$

$$\begin{array}{r}
 + \quad 4 \\
 + \quad 3 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 + \quad 7 \\
 + \quad 3 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 + \quad 5 \\
 + \quad 7 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 + \quad 3 \\
 + \quad 2 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 + \quad 3 \\
 + \quad 3 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 + \quad 6 \\
 + \quad 3 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 + \quad 2 \\
 + \quad 2 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 - \quad 12 \\
 - \quad 5 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 + \quad 3 \\
 + \quad 1 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 - \quad 8 \\
 - \quad 2 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 + \quad 1 \\
 + \quad 4 \\
 \hline
 + \quad 6 \\
 + \quad 1 \\
 \hline
 - \quad 10 \\
 - \quad 6 \\
 \hline
 - \quad 7 \\
 - \quad 1 \\
 \hline
 - \quad 9 \\
 - \quad 2 \\
 \hline
 + \quad 5 \\
 + \quad 5 \\
 \hline
 - \quad 3 \\
 - \quad 3 \\
 \hline
 - \quad 7 \\
 - \quad 3 \\
 \hline
 + \quad 9 \\
 + \quad 3 \\
 \hline
 + \quad 4 \\
 + \quad 4 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 -8 \\
 -4 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 -9 \\
 -6 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 +5 \\
 +3 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 -8 \\
 -7 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 +1 \\
 +5 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 -9 \\
 -6 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 -14 \\
 -7 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 +3 \\
 +7 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 -10 \\
 -6 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 -8 \\
 -5 \\
 \hline
 \end{array}$$

Opérations Mixtes Solutions (D)

Complétez les exercices suivants

$$\begin{array}{r}
 + \quad 1 & + \quad 5 & - \quad 6 & - \quad 14 & + \quad 2 & + \quad 2 & + \quad 4 & - \quad 6 & - \quad 6 & - \quad 11 \\
 \underline{+ \quad 4} & \underline{+ \quad 5} & \underline{- \quad 1} & \underline{- \quad 7} & \underline{+ \quad 7} & \underline{+ \quad 2} & \underline{+ \quad 7} & \underline{- \quad 3} & \underline{- \quad 5} & \underline{- \quad 4} \\
 \hline
 5 & 10 & 5 & 7 & 9 & 4 & 11 & 3 & 1 & 7
 \end{array}$$

$$\begin{array}{r}
 - \quad 11 & - \quad 9 & + \quad 4 & - \quad 8 & + \quad 5 & - \quad 11 & - \quad 7 & + \quad 7 & - \quad 10 & - \quad 11 \\
 \underline{- \quad 6} & \underline{- \quad 5} & \underline{+ \quad 2} & \underline{- \quad 7} & \underline{+ \quad 5} & \underline{- \quad 5} & \underline{- \quad 3} & \underline{+ \quad 7} & \underline{- \quad 3} & \underline{- \quad 4} \\
 \hline
 5 & 4 & 6 & 1 & 10 & 6 & 4 & 14 & 7 & 7
 \end{array}$$

$$\begin{array}{r}
 - \quad 8 & - \quad 13 & - \quad 8 & - \quad 7 & - \quad 10 & - \quad 7 & - \quad 1 & - \quad 3 & - \quad 14 & + \quad 1 \\
 \underline{- \quad 2} & \underline{- \quad 6} & \underline{- \quad 2} & \underline{+ \quad 3} & \underline{- \quad 7} & \underline{- \quad 4} & \underline{+ \quad 1} & \underline{- \quad 2} & \underline{- \quad 7} & \underline{+ \quad 4} \\
 \hline
 6 & 7 & 6 & 10 & 3 & 3 & 2 & 1 & 7 & 5
 \end{array}$$

$$\begin{array}{r}
 + \quad 6 & - \quad 3 & - \quad 8 & - \quad 2 & - \quad 8 & + \quad 2 & + \quad 1 & - \quad 4 & + \quad 6 & - \quad 7 \\
 \underline{+ \quad 2} & \underline{- \quad 2} & \underline{- \quad 5} & \underline{- \quad 1} & \underline{- \quad 7} & \underline{+ \quad 6} & \underline{+ \quad 4} & \underline{- \quad 1} & \underline{+ \quad 1} & \underline{- \quad 4} \\
 \hline
 8 & 1 & 3 & 1 & 1 & 8 & 5 & 3 & 7 & 3
 \end{array}$$

$$\begin{array}{r}
 - \quad 5 & + \quad 2 & - \quad 13 & - \quad 7 & + \quad 2 & + \quad 6 & + \quad 3 & + \quad 6 & + \quad 6 & + \quad 4 \\
 \underline{- \quad 3} & \underline{+ \quad 3} & \underline{- \quad 6} & \underline{- \quad 5} & \underline{+ \quad 1} & \underline{+ \quad 5} & \underline{+ \quad 5} & \underline{+ \quad 6} & \underline{+ \quad 3} & \underline{+ \quad 5} \\
 \hline
 2 & 5 & 7 & 2 & 3 & 11 & 8 & 12 & 9 & 9
 \end{array}$$

$$\begin{array}{r}
 + \quad 4 & - \quad 11 & + \quad 3 & - \quad 5 & + \quad 3 & - \quad 7 & + \quad 3 & - \quad 9 & - \quad 13 & + \quad 2 \\
 \underline{+ \quad 7} & \underline{- \quad 6} & \underline{+ \quad 6} & \underline{- \quad 3} & \underline{+ \quad 1} & \underline{- \quad 3} & \underline{+ \quad 2} & \underline{- \quad 5} & \underline{- \quad 7} & \underline{+ \quad 7} \\
 \hline
 11 & 5 & 9 & 2 & 4 & 4 & 5 & 4 & 6 & 9
 \end{array}$$

$$\begin{array}{r}
 + \quad 3 & - \quad 11 & + \quad 3 & + \quad 6 & - \quad 7 & + \quad 2 & + \quad 4 & + \quad 6 & + \quad 3 & - \quad 6 \\
 \underline{+ \quad 7} & \underline{- \quad 4} & \underline{+ \quad 3} & \underline{+ \quad 5} & \underline{- \quad 3} & \underline{+ \quad 2} & \underline{+ \quad 6} & \underline{+ \quad 7} & \underline{+ \quad 3} & \underline{- \quad 3} \\
 \hline
 10 & 7 & 6 & 11 & 4 & 4 & 10 & 13 & 6 & 3
 \end{array}$$

$$\begin{array}{r}
 + \quad 4 & + \quad 7 & + \quad 5 & - \quad 3 & + \quad 3 & + \quad 6 & + \quad 2 & - \quad 12 & + \quad 3 & - \quad 8 \\
 \underline{+ \quad 3} & \underline{+ \quad 3} & \underline{+ \quad 7} & \underline{+ \quad 2} & \underline{+ \quad 3} & \underline{+ \quad 3} & \underline{+ \quad 2} & \underline{- \quad 5} & \underline{+ \quad 1} & \underline{- \quad 2} \\
 \hline
 7 & 10 & 12 & 5 & 6 & 9 & 4 & 7 & 4 & 6
 \end{array}$$

$$\begin{array}{r}
 + \quad 1 & + \quad 6 & - \quad 10 & - \quad 7 & - \quad 9 & + \quad 5 & - \quad 7 & - \quad 9 & + \quad 4 & - \quad 3 \\
 \underline{+ \quad 4} & \underline{+ \quad 1} & \underline{- \quad 6} & \underline{- \quad 1} & \underline{- \quad 2} & \underline{+ \quad 5} & \underline{- \quad 3} & \underline{- \quad 3} & \underline{+ \quad 3} & \underline{+ \quad 4} \\
 \hline
 5 & 7 & 4 & 6 & 7 & 10 & 4 & 6 & 7 & 7
 \end{array}$$

$$\begin{array}{r}
 - \quad 8 & - \quad 9 & + \quad 5 & - \quad 8 & + \quad 1 & - \quad 9 & - \quad 14 & + \quad 3 & - \quad 10 & - \quad 8 \\
 \underline{- \quad 4} & \underline{- \quad 6} & \underline{+ \quad 3} & \underline{- \quad 7} & \underline{+ \quad 5} & \underline{- \quad 6} & \underline{- \quad 7} & \underline{+ \quad 7} & \underline{- \quad 6} & \underline{- \quad 5} \\
 \hline
 4 & 3 & 8 & 1 & 6 & 3 & 7 & 10 & 4 & 3
 \end{array}$$

Opérations Mixtes (E)

Complétez les exercices suivants

$$\begin{array}{r}
 + \frac{6}{1} \\
 - \frac{7}{4} \\
 - \frac{8}{4} \\
 - \frac{10}{6} \\
 - \frac{12}{6} \\
 + \frac{3}{5} \\
 + \frac{3}{1} \\
 + \frac{6}{5} \\
 + \frac{4}{6} \\
 + \frac{7}{1}
 \end{array}$$

$$+ \frac{1}{3} - \frac{4}{1} + \frac{3}{6} + \frac{4}{3} - \frac{11}{5} - \frac{8}{6} - \frac{8}{7} - \frac{13}{6} + \frac{5}{7} - \frac{7}{1}$$

$$-\frac{7}{3} + \frac{1}{4} + \frac{5}{7} - \frac{10}{5} - \frac{7}{2} + \frac{5}{4} - \frac{9}{3} - \frac{3}{1} - \frac{5}{3} + \frac{1}{2}$$

$$-\frac{8}{2} - \frac{7}{3} - \frac{10}{7} - \frac{12}{7} + \frac{6}{1} - \frac{3}{1} + \frac{4}{5} + \frac{5}{1} - \frac{9}{6} + \frac{6}{3}$$

$$-\frac{9}{2} + \frac{1}{7} - \frac{6}{5} - \frac{10}{5} - \frac{11}{6} + \frac{3}{4} + \frac{6}{7} + \frac{7}{3} - \frac{10}{5} - \frac{10}{4}$$

$$-\frac{13}{6} - \frac{6}{4} + \frac{7}{1} - \frac{10}{6} - \frac{3}{1} - \frac{13}{7} - \frac{14}{7} - \frac{8}{4} + \frac{2}{6} + \frac{6}{6}$$

$$+ \begin{array}{r} 3 \\ 4 \end{array} + \begin{array}{r} 2 \\ 7 \end{array} + \begin{array}{r} 7 \\ 5 \end{array} = \begin{array}{r} 7 \\ 1 \end{array} + \begin{array}{r} 4 \\ 2 \end{array} = \begin{array}{r} 4 \\ 3 \end{array} + \begin{array}{r} 2 \\ 6 \end{array} + \begin{array}{r} 1 \\ 1 \end{array} + \begin{array}{r} 4 \\ 2 \end{array} = \begin{array}{r} 6 \\ 4 \end{array}$$

$$+ \begin{array}{r} 5 \\ 5 \end{array} + \begin{array}{r} 4 \\ 7 \end{array} = \begin{array}{r} 8 \\ 2 \end{array} + \begin{array}{r} 5 \\ 1 \end{array} + \begin{array}{r} 2 \\ 3 \end{array} + \begin{array}{r} 2 \\ 3 \end{array} = \begin{array}{r} 6 \\ 5 \end{array} + \begin{array}{r} 3 \\ 5 \end{array} = \begin{array}{r} 6 \\ 1 \end{array} + \begin{array}{r} 1 \\ 3 \end{array}$$

$$+ \frac{7}{5} - \frac{7}{2} - \frac{6}{4} - \frac{9}{3} + \frac{3}{5} + \frac{2}{6} + \frac{2}{7} - \frac{7}{2} - \frac{12}{7} - \frac{12}{6}$$

$$+ \frac{2}{4} - \frac{7}{6} + \frac{5}{4} + \frac{6}{4} - \frac{5}{3} + \frac{5}{5} - \frac{11}{5} + \frac{5}{3} + \frac{1}{7} + \frac{3}{1}$$

Opérations Mixtes Solutions (E)

Complétez les exercices suivants

$$\begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array} \quad \begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array} \quad \begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array} \quad \begin{array}{r} 12 \\ - 6 \\ \hline 6 \end{array} \quad \begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array} \quad \begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array} \quad \begin{array}{r} 4 \\ + 6 \\ \hline 10 \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$$
$$\begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 3 \\ + 6 \\ \hline 9 \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 11 \\ - 5 \\ \hline 6 \end{array} \quad \begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array} \quad \begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array} \quad \begin{array}{r} 13 \\ - 6 \\ \hline 7 \end{array} \quad \begin{array}{r} 5 \\ + 7 \\ \hline 12 \end{array} \quad \begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array}$$
$$\begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 1 \\ + 4 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ + 7 \\ \hline 12 \end{array} \quad \begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ - 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array} \quad \begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$
$$\begin{array}{r} 8 \\ - 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array} \quad \begin{array}{r} 12 \\ - 7 \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array} \quad \begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$$
$$\begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array} \quad \begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array} \quad \begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array} \quad \begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array} \quad \begin{array}{r} 11 \\ - 6 \\ \hline 5 \end{array} \quad \begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array} \quad \begin{array}{r} 6 \\ + 7 \\ \hline 13 \end{array} \quad \begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array} \quad \begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array}$$
$$\begin{array}{r} 13 \\ - 6 \\ \hline 7 \end{array} \quad \begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 13 \\ - 7 \\ \hline 6 \end{array} \quad \begin{array}{r} 14 \\ - 7 \\ \hline 7 \end{array} \quad \begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array} \quad \begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array}$$
$$\begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array} \quad \begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array} \quad \begin{array}{r} 7 \\ + 5 \\ \hline 12 \end{array} \quad \begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array} \quad \begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array}$$
$$\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array} \quad \begin{array}{r} 4 \\ + 7 \\ \hline 11 \end{array} \quad \begin{array}{r} 8 \\ - 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array} \quad \begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array} \quad \begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array}$$
$$\begin{array}{r} 7 \\ + 5 \\ \hline 12 \end{array} \quad \begin{array}{r} 7 \\ - 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array} \quad \begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array} \quad \begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array} \quad \begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array} \quad \begin{array}{r} 7 \\ - 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 12 \\ - 7 \\ \hline 5 \end{array} \quad \begin{array}{r} 12 \\ - 6 \\ \hline 6 \end{array}$$
$$\begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ - 6 \\ \hline 1 \end{array} \quad \begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array} \quad \begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array} \quad \begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array} \quad \begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array} \quad \begin{array}{r} 11 \\ - 5 \\ \hline 6 \end{array} \quad \begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array} \quad \begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array} \quad \begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$$

Opérations Mixtes (F)

Complétez les exercices suivants

$$\begin{array}{r} - \\ \underline{4} & + & \underline{2} & + & \underline{6} & + & \underline{2} & - & \underline{1} & + & \underline{1} & - & \underline{9} & + & \underline{5} & - & \underline{12} & - & \underline{11} \\ -2 & +4 & +4 & +3 & -1 & +3 & -7 & +6 & -5 & +5 & -5 & -4 \end{array}$$

$$\begin{array}{r} + \\ \underline{5} & - & \underline{5} & - & \underline{10} & + & \underline{1} & - & \underline{3} & + & \underline{3} & + & \underline{5} & - & \underline{6} & - & \underline{7} & - & \underline{9} \\ +7 & -4 & -4 & +2 & -3 & +1 & +7 & -4 & +5 & +7 & -5 & -2 \end{array}$$

$$\begin{array}{r} - \\ \underline{7} & + & \underline{3} & + & \underline{7} & + & \underline{5} & + & \underline{4} & + & \underline{3} & + & \underline{4} & + & \underline{3} & - & \underline{5} & - & \underline{3} & - & \underline{9} \\ -6 & +7 & +4 & +6 & +4 & +4 & +3 & +2 & +3 & +2 & -2 & -6 \end{array}$$

$$\begin{array}{r} - \\ \underline{7} & + & \underline{1} & + & \underline{4} & + & \underline{3} & - & \underline{2} & - & \underline{1} & - & \underline{6} & + & \underline{12} & + & \underline{4} & - & \underline{3} & + & \underline{5} & + & \underline{3} \\ -6 & +7 & +5 & +3 & -1 & -1 & -6 & +3 & -1 & -1 & +5 & +4 \end{array}$$

$$\begin{array}{r} + \\ \underline{2} & - & \underline{8} & - & \underline{6} & + & \underline{5} & + & \underline{6} & + & \underline{4} & - & \underline{3} & - & \underline{8} & + & \underline{7} & + & \underline{4} & - & \underline{5} \\ +1 & -4 & -4 & -1 & +7 & +7 & +6 & +2 & +2 & -3 & -3 & +3 & +4 & -5 \end{array}$$

$$\begin{array}{r} - \\ \underline{11} & - & \underline{14} & - & \underline{5} & + & \underline{6} & + & \underline{7} & - & \underline{11} & - & \underline{5} & - & \underline{8} & + & \underline{3} & + & \underline{3} & - & \underline{11} \\ -4 & -7 & -7 & -3 & +2 & +2 & +7 & -5 & -5 & -5 & +2 & +7 & -6 \end{array}$$

$$\begin{array}{r} + \\ \underline{2} & - & \underline{8} & - & \underline{10} & - & \underline{7} & - & \underline{3} & + & \underline{6} & + & \underline{5} & + & \underline{1} & - & \underline{3} & - & \underline{1} & - & \underline{5} & - & \underline{3} & + & \underline{4} \\ +2 & -5 & -5 & -7 & -3 & -3 & +5 & +5 & +1 & +1 & -1 & -1 & -1 & -1 & +7 \end{array}$$

$$\begin{array}{r} + \\ \underline{2} & + & \underline{4} & - & \underline{5} & - & \underline{4} & - & \underline{4} & - & \underline{7} & - & \underline{4} & + & \underline{5} & + & \underline{7} & + & \underline{1} & + & \underline{5} & - & \underline{6} \\ +2 & +6 & +6 & -4 & -4 & -4 & -7 & -7 & -4 & -4 & +4 & +4 & +7 & +7 & +1 & +6 & +6 & -6 \end{array}$$

$$\begin{array}{r} - \\ \underline{6} & - & \underline{10} & - & \underline{12} & - & \underline{6} & - & \underline{5} & + & \underline{2} & + & \underline{6} & + & \underline{3} & - & \underline{2} & - & \underline{5} & - & \underline{7} & + & \underline{2} & - & \underline{1} \\ -1 & -5 & -5 & -6 & -5 & -5 & +2 & +2 & +6 & +6 & -2 & -2 & -2 & -2 & +3 & +3 & -5 & -5 & -7 & -7 & +2 & +2 & -1 \end{array}$$

$$\begin{array}{r} - \\ \underline{10} & - & \underline{3} & - & \underline{9} & + & \underline{3} & - & \underline{5} & - & \underline{11} & + & \underline{4} & + & \underline{4} & + & \underline{5} & + & \underline{3} & + & \underline{3} & - & \underline{2} & + & \underline{2} \\ -3 & -2 & -2 & -3 & +7 & +7 & -5 & -5 & +7 & +7 & +4 & +4 & +5 & +5 & +3 & +3 & +3 & +3 & -2 & -2 & +2 & +2 \end{array}$$

Opérations Mixtes Solutions (F)

Complétez les exercices suivants

$$\begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 9 \\ - 7 \\ \hline 2 \end{array} \quad \begin{array}{r} 5 \\ + 6 \\ \hline 11 \end{array} \quad \begin{array}{r} 12 \\ - 5 \\ \hline 7 \end{array} \quad \begin{array}{r} 11 \\ - 4 \\ \hline 7 \end{array}$$
$$\begin{array}{r} 5 \\ + 7 \\ \hline 12 \end{array} \quad \begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array} \quad \begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array} \quad \begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 5 \\ + 7 \\ \hline 12 \end{array} \quad \begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array} \quad \begin{array}{r} 7 \\ - 5 \\ \hline 2 \end{array} \quad \begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array}$$
$$\begin{array}{r} 7 \\ - 6 \\ \hline 1 \end{array} \quad \begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array} \quad \begin{array}{r} 7 \\ + 4 \\ \hline 11 \end{array} \quad \begin{array}{r} 5 \\ + 6 \\ \hline 11 \end{array} \quad \begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array} \quad \begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array} \quad \begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array} \quad \begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array}$$
$$\begin{array}{r} 7 \\ - 6 \\ \hline 1 \end{array} \quad \begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array} \quad \begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array} \quad \begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array} \quad \begin{array}{r} 12 \\ - 6 \\ \hline 6 \end{array} \quad \begin{array}{r} 12 \\ - 6 \\ \hline 7 \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$$
$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array} \quad \begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ + 7 \\ \hline 12 \end{array} \quad \begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 8 \\ - 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array} \quad \begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array} \quad \begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array}$$
$$\begin{array}{r} 11 \\ - 4 \\ \hline 7 \end{array} \quad \begin{array}{r} 14 \\ - 7 \\ \hline 7 \end{array} \quad \begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array} \quad \begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array} \quad \begin{array}{r} 7 \\ + 7 \\ \hline 14 \end{array} \quad \begin{array}{r} 11 \\ - 5 \\ \hline 6 \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array} \quad \begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array} \quad \begin{array}{r} 11 \\ - 6 \\ \hline 5 \end{array}$$
$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array} \quad \begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array} \quad \begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array} \quad \begin{array}{r} 4 \\ + 7 \\ \hline 11 \end{array}$$
$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ + 6 \\ \hline 10 \end{array} \quad \begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array} \quad \begin{array}{r} 9 \\ - 4 \\ \hline 5 \end{array} \quad \begin{array}{r} 9 \\ - 7 \\ \hline 2 \end{array} \quad \begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array} \quad \begin{array}{r} 7 \\ + 4 \\ \hline 11 \end{array} \quad \begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array} \quad \begin{array}{r} 5 \\ + 6 \\ \hline 11 \end{array} \quad \begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array}$$
$$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array} \quad \begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array} \quad \begin{array}{r} 12 \\ - 6 \\ \hline 6 \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array} \quad \begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array} \quad \begin{array}{r} 3 \\ + 6 \\ \hline 9 \end{array} \quad \begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array} \quad \begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array} \quad \begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$
$$\begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array} \quad \begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array} \quad \begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array} \quad \begin{array}{r} 11 \\ - 5 \\ \hline 6 \end{array} \quad \begin{array}{r} 4 \\ + 7 \\ \hline 11 \end{array} \quad \begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array} \quad \begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array} \quad \begin{array}{r} 6 \\ - 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

Opérations Mixtes (G)

Complétez les exercices suivants

$$\begin{array}{r}
 -\frac{11}{4} + \frac{6}{2} - \frac{8}{4} + \frac{2}{3} - \frac{13}{7} + \frac{7}{1} + \frac{3}{2} - \frac{2}{1} - \frac{5}{2} + \frac{7}{2}
 \end{array}$$

$$\begin{array}{r}
 -\frac{5}{1} + \frac{4}{7} + \frac{5}{2} + \frac{4}{7} + \frac{2}{3} + \frac{7}{1} - \frac{7}{4} - \frac{7}{1} - \frac{7}{6} + \frac{1}{5}
 \end{array}$$

$$-\frac{5}{2} - \frac{7}{1} + \frac{4}{3} - \frac{14}{7} + \frac{2}{2} + \frac{1}{4} + \frac{1}{2} - \frac{10}{5} + \frac{4}{2} + \frac{5}{5}$$

$$-\frac{10}{6} + \frac{4}{2} - \frac{8}{6} - \frac{11}{5} + \frac{3}{1} + \frac{5}{6} + \frac{5}{2} + \frac{1}{5} + \frac{3}{5} + \frac{1}{3}$$

$$-\frac{9}{3} + \frac{1}{7} - \frac{6}{3} + \frac{1}{7} - \frac{7}{1} - \frac{11}{6} + \frac{6}{1} + \frac{7}{4} + \frac{6}{6} + \frac{1}{6}$$

$$+ \begin{array}{r} 6 \\ 4 \end{array} - \begin{array}{r} 7 \\ 3 \end{array} - \begin{array}{r} 7 \\ 4 \end{array} + \begin{array}{r} 5 \\ 2 \end{array} - \begin{array}{r} 7 \\ 6 \end{array} - \begin{array}{r} 9 \\ 5 \end{array} + \begin{array}{r} 4 \\ 1 \end{array} - \begin{array}{r} 11 \\ 6 \end{array} + \begin{array}{r} 6 \\ 7 \end{array} - \begin{array}{r} 6 \\ 2 \end{array}$$

$$-\frac{8}{3} - \frac{8}{3} - \frac{4}{1} + \frac{4}{7} - \frac{9}{6} - \frac{11}{7} + \frac{6}{1} - \frac{11}{4} + \frac{5}{2} + \frac{5}{7}$$

$$+ \begin{array}{r} 3 \\ 4 \end{array} - \begin{array}{r} 8 \\ 2 \end{array} + \begin{array}{r} 5 \\ 6 \end{array} + \begin{array}{r} 1 \\ 7 \end{array} + \begin{array}{r} 4 \\ 3 \end{array} - \begin{array}{r} 11 \\ 4 \end{array} - \begin{array}{r} 4 \\ 3 \end{array} - \begin{array}{r} 5 \\ 3 \end{array} - \begin{array}{r} 6 \\ 1 \end{array} - \begin{array}{r} 11 \\ 6 \end{array}$$

$$+ \frac{3}{7} - \frac{3}{1} + \frac{1}{7} - \frac{10}{3} + \frac{6}{2} + \frac{6}{1} - \frac{7}{1} - \frac{13}{7} - \frac{3}{2} - \frac{8}{1}$$

$$+ \begin{array}{r} 2 \\ 4 \end{array} + \begin{array}{r} 5 \\ 2 \end{array} + \begin{array}{r} 6 \\ 5 \end{array} + \begin{array}{r} 2 \\ 4 \end{array} + \begin{array}{r} 4 \\ 6 \end{array} - \begin{array}{r} 8 \\ 2 \end{array} + \begin{array}{r} 4 \\ 6 \end{array} - \begin{array}{r} 5 \\ 4 \end{array} - \begin{array}{r} 14 \\ 7 \end{array} + \begin{array}{r} 1 \\ 3 \end{array}$$

Opérations Mixtes Solutions (G)

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$$\begin{array}{r} -11 \\ -\ 4 \\ \hline 7 \end{array} \quad \begin{array}{r} +6 \\ +2 \\ \hline 8 \end{array} \quad \begin{array}{r} -8 \\ -4 \\ \hline 4 \end{array} \quad \begin{array}{r} +2 \\ +3 \\ \hline 5 \end{array} \quad \begin{array}{r} -13 \\ -7 \\ \hline 6 \end{array} \quad \begin{array}{r} +7 \\ +1 \\ \hline 8 \end{array} \quad \begin{array}{r} +3 \\ +2 \\ \hline 5 \end{array} \quad \begin{array}{r} -2 \\ -1 \\ \hline 1 \end{array} \quad \begin{array}{r} -5 \\ -2 \\ \hline 3 \end{array} \quad \begin{array}{r} +7 \\ +2 \\ \hline 9 \end{array}$$
$$\begin{array}{r} -5 \\ -1 \\ \hline 4 \end{array} \quad \begin{array}{r} +4 \\ +7 \\ \hline 11 \end{array} \quad \begin{array}{r} +5 \\ +2 \\ \hline 7 \end{array} \quad \begin{array}{r} +4 \\ +7 \\ \hline 11 \end{array} \quad \begin{array}{r} +2 \\ +3 \\ \hline 5 \end{array} \quad \begin{array}{r} +7 \\ +1 \\ \hline 8 \end{array} \quad \begin{array}{r} -7 \\ -4 \\ \hline 3 \end{array} \quad \begin{array}{r} -7 \\ -1 \\ \hline 6 \end{array} \quad \begin{array}{r} -7 \\ -6 \\ \hline 1 \end{array} \quad \begin{array}{r} +1 \\ +5 \\ \hline 6 \end{array}$$
$$\begin{array}{r} -5 \\ -2 \\ \hline 3 \end{array} \quad \begin{array}{r} -7 \\ -1 \\ \hline 6 \end{array} \quad \begin{array}{r} +4 \\ +3 \\ \hline 7 \end{array} \quad \begin{array}{r} -14 \\ -7 \\ \hline 7 \end{array} \quad \begin{array}{r} +2 \\ +2 \\ \hline 4 \end{array} \quad \begin{array}{r} +1 \\ +4 \\ \hline 5 \end{array} \quad \begin{array}{r} -1 \\ -2 \\ \hline 3 \end{array} \quad \begin{array}{r} -10 \\ -5 \\ \hline 5 \end{array} \quad \begin{array}{r} +4 \\ +2 \\ \hline 6 \end{array} \quad \begin{array}{r} +5 \\ +5 \\ \hline 10 \end{array}$$
$$\begin{array}{r} -10 \\ -6 \\ \hline 4 \end{array} \quad \begin{array}{r} +4 \\ +2 \\ \hline 6 \end{array} \quad \begin{array}{r} -8 \\ -6 \\ \hline 2 \end{array} \quad \begin{array}{r} -11 \\ -5 \\ \hline 6 \end{array} \quad \begin{array}{r} +3 \\ +1 \\ \hline 4 \end{array} \quad \begin{array}{r} +5 \\ +6 \\ \hline 11 \end{array} \quad \begin{array}{r} -5 \\ -2 \\ \hline 7 \end{array} \quad \begin{array}{r} -1 \\ -5 \\ \hline 6 \end{array} \quad \begin{array}{r} -3 \\ -5 \\ \hline 8 \end{array} \quad \begin{array}{r} +3 \\ +5 \\ \hline 1 \end{array}$$
$$\begin{array}{r} -9 \\ -3 \\ \hline 6 \end{array} \quad \begin{array}{r} +1 \\ +7 \\ \hline 8 \end{array} \quad \begin{array}{r} -6 \\ -3 \\ \hline 3 \end{array} \quad \begin{array}{r} -1 \\ -7 \\ \hline 8 \end{array} \quad \begin{array}{r} -7 \\ -1 \\ \hline 6 \end{array} \quad \begin{array}{r} -11 \\ -6 \\ \hline 5 \end{array} \quad \begin{array}{r} -6 \\ -1 \\ \hline 7 \end{array} \quad \begin{array}{r} -7 \\ -4 \\ \hline 11 \end{array} \quad \begin{array}{r} -6 \\ -6 \\ \hline 12 \end{array} \quad \begin{array}{r} -1 \\ -6 \\ \hline 7 \end{array}$$
$$\begin{array}{r} -6 \\ +4 \\ \hline 10 \end{array} \quad \begin{array}{r} -7 \\ -3 \\ \hline 4 \end{array} \quad \begin{array}{r} -7 \\ -4 \\ \hline 3 \end{array} \quad \begin{array}{r} -5 \\ +2 \\ \hline 7 \end{array} \quad \begin{array}{r} -7 \\ -6 \\ \hline 1 \end{array} \quad \begin{array}{r} -9 \\ -5 \\ \hline 4 \end{array} \quad \begin{array}{r} -4 \\ +1 \\ \hline 5 \end{array} \quad \begin{array}{r} -11 \\ -6 \\ \hline 5 \end{array} \quad \begin{array}{r} -6 \\ -7 \\ \hline 13 \end{array} \quad \begin{array}{r} -6 \\ -2 \\ \hline 4 \end{array}$$
$$\begin{array}{r} -8 \\ -3 \\ \hline 5 \end{array} \quad \begin{array}{r} -8 \\ -3 \\ \hline 5 \end{array} \quad \begin{array}{r} -4 \\ -1 \\ \hline 3 \end{array} \quad \begin{array}{r} -4 \\ +7 \\ \hline 11 \end{array} \quad \begin{array}{r} -9 \\ -6 \\ \hline 3 \end{array} \quad \begin{array}{r} -11 \\ -7 \\ \hline 4 \end{array} \quad \begin{array}{r} -6 \\ +1 \\ \hline 7 \end{array} \quad \begin{array}{r} -11 \\ -4 \\ \hline 7 \end{array} \quad \begin{array}{r} -5 \\ -2 \\ \hline 7 \end{array} \quad \begin{array}{r} -5 \\ +7 \\ \hline 12 \end{array}$$
$$\begin{array}{r} -3 \\ +4 \\ \hline 7 \end{array} \quad \begin{array}{r} -8 \\ -2 \\ \hline 6 \end{array} \quad \begin{array}{r} -5 \\ +6 \\ \hline 11 \end{array} \quad \begin{array}{r} -1 \\ +7 \\ \hline 8 \end{array} \quad \begin{array}{r} -4 \\ +3 \\ \hline 7 \end{array} \quad \begin{array}{r} -11 \\ -4 \\ \hline 7 \end{array} \quad \begin{array}{r} -4 \\ -3 \\ \hline 1 \end{array} \quad \begin{array}{r} -5 \\ -3 \\ \hline 2 \end{array} \quad \begin{array}{r} -6 \\ -1 \\ \hline 5 \end{array} \quad \begin{array}{r} -11 \\ -6 \\ \hline 5 \end{array}$$
$$\begin{array}{r} -3 \\ +7 \\ \hline 10 \end{array} \quad \begin{array}{r} -3 \\ -1 \\ \hline 2 \end{array} \quad \begin{array}{r} -1 \\ +7 \\ \hline 8 \end{array} \quad \begin{array}{r} -10 \\ -3 \\ \hline 7 \end{array} \quad \begin{array}{r} -6 \\ +2 \\ \hline 8 \end{array} \quad \begin{array}{r} -6 \\ +1 \\ \hline 7 \end{array} \quad \begin{array}{r} -7 \\ -1 \\ \hline 6 \end{array} \quad \begin{array}{r} -13 \\ -7 \\ \hline 6 \end{array} \quad \begin{array}{r} -3 \\ -2 \\ \hline 1 \end{array} \quad \begin{array}{r} -8 \\ -1 \\ \hline 7 \end{array}$$
$$\begin{array}{r} -2 \\ +4 \\ \hline 6 \end{array} \quad \begin{array}{r} -5 \\ +2 \\ \hline 7 \end{array} \quad \begin{array}{r} -6 \\ +5 \\ \hline 11 \end{array} \quad \begin{array}{r} -2 \\ +4 \\ \hline 6 \end{array} \quad \begin{array}{r} -4 \\ +6 \\ \hline 10 \end{array} \quad \begin{array}{r} -8 \\ -2 \\ \hline 6 \end{array} \quad \begin{array}{r} -4 \\ +6 \\ \hline 10 \end{array} \quad \begin{array}{r} -5 \\ -4 \\ \hline 1 \end{array} \quad \begin{array}{r} -14 \\ -7 \\ \hline 7 \end{array} \quad \begin{array}{r} -1 \\ +3 \\ \hline 4 \end{array}$$

Opérations Mixtes (H)

Complétez les exercices suivants

$$\begin{array}{r}
 + \frac{7}{6} \\
 + \frac{7}{2} \\
 + \frac{7}{5} \\
 - \frac{2}{1} \\
 + \frac{2}{3} \\
 - \frac{5}{1} \\
 - \frac{11}{4} \\
 - \frac{4}{1} \\
 + \frac{5}{3} \\
 + \frac{6}{5}
 \end{array}$$

$$\begin{array}{r}
 -\frac{8}{1} + \frac{7}{7} + \frac{7}{1} + \frac{7}{1} - \frac{8}{5} - \frac{3}{1} - \frac{4}{2} - \frac{10}{7} - \frac{9}{2} + \frac{1}{2}
 \end{array}$$

$$\begin{array}{r}
 -7 \\
 -1 \\
 \hline
 -11 \\
 -5 \\
 \hline
 -13 \\
 -7 \\
 \hline
 -8 \\
 -5 \\
 \hline
 -5 \\
 +2 \\
 \hline
 +7 \\
 +1 \\
 \hline
 +11 \\
 +6 \\
 \hline
 +4 \\
 +6 \\
 \hline
 +3 \\
 +6 \\
 \hline
 +7 \\
 +1
 \end{array}$$

$$\begin{array}{r}
 + \quad 4 \\
 + \quad 2 \\
 \hline
 + \quad 1 \\
 + \quad 7 \\
 \hline
 + \quad 4 \\
 + \quad 3 \\
 \hline
 - \quad 4 \\
 - \quad 10 \\
 \hline
 + \quad 4 \\
 + \quad 7 \\
 \hline
 - \quad 1 \\
 - \quad 2 \\
 \hline
 - \quad 2 \\
 - \quad 7 \\
 \hline
 - \quad 4 \\
 - \quad 7 \\
 \hline
 - \quad 5
 \end{array}$$

$$\begin{array}{r} \underline{-} 12 \\ - 5 \end{array} \quad \begin{array}{r} \underline{-} 9 \\ - 4 \end{array} \quad \begin{array}{r} + 6 \\ + 1 \end{array} \quad \begin{array}{r} + 6 \\ + 4 \end{array} \quad \begin{array}{r} - 5 \\ - 1 \end{array} \quad \begin{array}{r} - 6 \\ - 3 \end{array} \quad \begin{array}{r} - 8 \\ - 5 \end{array} \quad \begin{array}{r} + 5 \\ + 2 \end{array} \quad \begin{array}{r} + 2 \\ + 4 \end{array} \quad \begin{array}{r} + 6 \\ + 5 \end{array}$$

$$\begin{array}{r}
 + \frac{4}{1} \\
 + \frac{1}{5} \\
 - \frac{9}{7} \\
 + \frac{4}{6} \\
 - \frac{12}{6} \\
 + \frac{7}{1} \\
 + \frac{1}{7} \\
 - \frac{7}{2} \\
 - \frac{7}{5} \\
 - \frac{11}{5}
 \end{array}$$

$$\begin{array}{r}
 -7 \\
 -4 \\
 \hline
 -8 \\
 -7 \\
 \hline
 -11 \\
 -5 \\
 \hline
 -10 \\
 -6 \\
 \hline
 -11 \\
 -5 \\
 \hline
 -5 \\
 -2 \\
 \hline
 +1 \\
 +4 \\
 \hline
 +7 \\
 +2 \\
 \hline
 +3 \\
 +7 \\
 \hline
 +1
 \end{array}$$

$$\begin{array}{r}
 -7 \\
 -4 \\
 \hline
 -9
 \end{array}
 \quad
 \begin{array}{r}
 +1 \\
 +5 \\
 \hline
 -3
 \end{array}
 \quad
 \begin{array}{r}
 -5 \\
 +3 \\
 \hline
 3
 \end{array}
 \quad
 \begin{array}{r}
 +2 \\
 +7 \\
 \hline
 5
 \end{array}
 \quad
 \begin{array}{r}
 -6 \\
 +6 \\
 \hline
 6
 \end{array}
 \quad
 \begin{array}{r}
 +7 \\
 +5 \\
 \hline
 2
 \end{array}$$

$$\begin{array}{r}
 -8 \\
 -1
 \end{array}
 \quad
 \begin{array}{r}
 -9 \\
 -4
 \end{array}
 \quad
 \begin{array}{r}
 +4 \\
 +7
 \end{array}
 \quad
 \begin{array}{r}
 +6 \\
 +4
 \end{array}
 \quad
 \begin{array}{r}
 +3 \\
 +5
 \end{array}
 \quad
 \begin{array}{r}
 -10 \\
 -4
 \end{array}
 \quad
 \begin{array}{r}
 +4 \\
 +3
 \end{array}
 \quad
 \begin{array}{r}
 +2 \\
 +1
 \end{array}
 \quad
 \begin{array}{r}
 +5 \\
 +1
 \end{array}
 \quad
 \begin{array}{r}
 +7 \\
 +7
 \end{array}$$

$$\begin{array}{r}
 -\frac{4}{3} \\
 -\frac{3}{2} \\
 +\frac{6}{1} \\
 -\frac{7}{6} \\
 +\frac{4}{1} \\
 +\frac{2}{7} \\
 +\frac{1}{5} \\
 -\frac{10}{5} \\
 +\frac{2}{5} \\
 +\frac{6}{2}
 \end{array}$$

Opérations Mixtes Solutions (H)

Complétez les exercices suivants

$$\begin{array}{r} 7 \\ + 6 \\ \hline 13 \end{array} \quad \begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array} \quad \begin{array}{r} 7 \\ + 5 \\ \hline 12 \end{array} \quad \begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 11 \\ - 4 \\ \hline 7 \end{array} \quad \begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array}$$
$$\begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 7 \\ + 7 \\ \hline 14 \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array} \quad \begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array} \quad \begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array} \quad \begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$
$$\begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 11 \\ - 5 \\ \hline 6 \end{array} \quad \begin{array}{r} 13 \\ - 7 \\ \hline 6 \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array} \quad \begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 11 \\ - 6 \\ \hline 5 \end{array} \quad \begin{array}{r} 4 \\ + 6 \\ \hline 10 \end{array} \quad \begin{array}{r} 3 \\ + 6 \\ \hline 9 \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$$
$$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 5 \\ + 7 \\ \hline 12 \end{array} \quad \begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array} \quad \begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ + 4 \\ \hline 11 \end{array} \quad \begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array} \quad \begin{array}{r} 7 \\ - 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array} \quad \begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$
$$\begin{array}{r} 12 \\ - 5 \\ \hline 7 \end{array} \quad \begin{array}{r} 9 \\ - 4 \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array} \quad \begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array} \quad \begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array}$$
$$\begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array} \quad \begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array} \quad \begin{array}{r} 9 \\ - 7 \\ \hline 2 \end{array} \quad \begin{array}{r} 4 \\ + 6 \\ \hline 10 \end{array} \quad \begin{array}{r} 12 \\ - 6 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array} \quad \begin{array}{r} 7 \\ - 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ - 5 \\ \hline 2 \end{array} \quad \begin{array}{r} 11 \\ - 5 \\ \hline 6 \end{array}$$
$$\begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array} \quad \begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array} \quad \begin{array}{r} 11 \\ - 5 \\ \hline 6 \end{array} \quad \begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array} \quad \begin{array}{r} 11 \\ - 5 \\ \hline 6 \end{array} \quad \begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array} \quad \begin{array}{r} 1 \\ + 4 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array} \quad \begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array} \quad \begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$
$$\begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array} \quad \begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array} \quad \begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array} \quad \begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array} \quad \begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array} \quad \begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array} \quad \begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array} \quad \begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array} \quad \begin{array}{r} 7 \\ + 5 \\ \hline 12 \end{array}$$
$$\begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 9 \\ - 4 \\ \hline 5 \end{array} \quad \begin{array}{r} 4 \\ + 7 \\ \hline 11 \end{array} \quad \begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array} \quad \begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array} \quad \begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ + 7 \\ \hline 14 \end{array}$$
$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array} \quad \begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array} \quad \begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array} \quad \begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 4 \\ + 6 \\ \hline 10 \end{array} \quad \begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array} \quad \begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array} \quad \begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array} \quad \begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$$

Opérations Mixtes (I)

Complétez les exercices suivants

$$\begin{array}{r}
 + \quad 1 \\
 + \quad 4 \\
 \hline
 - \quad 14 \\
 - \quad 7 \\
 \hline
 - \quad 7 \\
 + \quad 7 \\
 + \quad 5 \\
 \hline
 - \quad 4 \\
 - \quad 2 \\
 \hline
 - \quad 3 \\
 + \quad 1 \\
 \hline
 - \quad 14 \\
 - \quad 7 \\
 \hline
 - \quad 12 \\
 - \quad 6
 \end{array}$$

$$\begin{array}{r}
 -\frac{10}{4} + \frac{4}{3} - \frac{13}{7} + \frac{1}{7} + \frac{1}{3} - \frac{13}{7} + \frac{4}{3} + \frac{6}{1} - \frac{8}{2} + \frac{1}{2}
 \end{array}$$

$$\begin{array}{r}
 -4 \\
 -1 \\
 \hline
 -10 \\
 -3 \\
 \hline
 -9 \\
 +4 \\
 \hline
 2 \\
 +1 \\
 \hline
 5 \\
 +7 \\
 \hline
 1 \\
 +3 \\
 \hline
 8 \\
 -5 \\
 \hline
 3 \\
 +4 \\
 \hline
 6
 \end{array}$$

$$-\frac{9}{6} + \frac{3}{6} - \frac{2}{1} + \frac{7}{5} - \frac{9}{5} - \frac{6}{5} - \frac{12}{6} - \frac{10}{4} - \frac{13}{7} + \frac{3}{5}$$

$$+ \begin{array}{r} 7 \\ 7 \end{array} + \begin{array}{r} 3 \\ 5 \end{array} + \begin{array}{r} 5 \\ 3 \end{array} + \begin{array}{r} 5 \\ 5 \end{array} + \begin{array}{r} 6 \\ 1 \end{array} - \begin{array}{r} 12 \\ 5 \end{array} + \begin{array}{r} 1 \\ 2 \end{array} - \begin{array}{r} 5 \\ 3 \end{array} - \begin{array}{r} 3 \\ 2 \end{array} + \begin{array}{r} 4 \\ 3 \end{array}$$

$$-\frac{5}{2} + \frac{4}{4} - \frac{11}{7} + \frac{4}{4} - \frac{8}{5} - \frac{10}{3} - \frac{13}{6} - \frac{10}{6} + \frac{3}{2} + \frac{7}{3}$$

$$= \frac{13}{7} + \frac{4}{2} - \frac{12}{7} - \frac{7}{2} + \frac{6}{6} - \frac{5}{4} + \frac{5}{3} + \frac{5}{1} + \frac{3}{5} + \frac{2}{6}$$

$$+ \frac{7}{1} = \frac{6}{5} + \frac{2}{6} + \frac{1}{7} - \frac{9}{4} = \frac{6}{5} + \frac{1}{7} + \frac{4}{5} = \frac{10}{6} - \frac{8}{7}$$

$$+ \begin{array}{r} 6 \\ 6 \end{array} + \begin{array}{r} 7 \\ 6 \end{array} - \begin{array}{r} 8 \\ 6 \end{array} - \begin{array}{r} 10 \\ 4 \end{array} + \begin{array}{r} 2 \\ 6 \end{array} - \begin{array}{r} 5 \\ 3 \end{array} - \begin{array}{r} 5 \\ 3 \end{array} - \begin{array}{r} 6 \\ 4 \end{array} + \begin{array}{r} 5 \\ 5 \end{array} + \begin{array}{r} 7 \\ 6 \end{array}$$

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

Opérations Mixtes Solutions (I)

Complétez les exercices suivants

$$\begin{array}{r} 1 \\ + 4 \\ \hline 5 \end{array} \quad \begin{array}{r} 14 \\ - 7 \\ \hline 7 \end{array} \quad \begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array} \quad \begin{array}{r} 7 \\ + 7 \\ \hline 14 \end{array} \quad \begin{array}{r} 7 \\ + 5 \\ \hline 12 \end{array} \quad \begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array} \quad \begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array} \quad \begin{array}{r} 14 \\ - 7 \\ \hline 7 \end{array} \quad \begin{array}{r} 12 \\ - 6 \\ \hline 6 \end{array}$$
$$\begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 13 \\ - 7 \\ \hline 6 \end{array} \quad \begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 13 \\ - 7 \\ \hline 6 \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 8 \\ - 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$
$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array}$$
$$\begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array} \quad \begin{array}{r} 3 \\ + 6 \\ \hline 9 \end{array} \quad \begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array} \quad \begin{array}{r} 7 \\ + 5 \\ \hline 12 \end{array} \quad \begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array} \quad \begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array} \quad \begin{array}{r} 12 \\ - 6 \\ \hline 6 \end{array} \quad \begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 13 \\ - 7 \\ \hline 6 \end{array} \quad \begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$
$$\begin{array}{r} 7 \\ + 7 \\ \hline 14 \end{array} \quad \begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array} \quad \begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array} \quad \begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array} \quad \begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 12 \\ - 5 \\ \hline 7 \end{array} \quad \begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array} \quad \begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array} \quad \begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array}$$
$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array} \quad \begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array} \quad \begin{array}{r} 11 \\ - 7 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array} \quad \begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 13 \\ - 6 \\ \hline 7 \end{array} \quad \begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array} \quad \begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array}$$
$$\begin{array}{r} 13 \\ - 7 \\ \hline 6 \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 12 \\ - 7 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ - 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array} \quad \begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array} \quad \begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array}$$
$$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array} \quad \begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array} \quad \begin{array}{r} 9 \\ - 4 \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array} \quad \begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array} \quad \begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array} \quad \begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array} \quad \begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array}$$
$$\begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array} \quad \begin{array}{r} 7 \\ + 6 \\ \hline 13 \end{array} \quad \begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array} \quad \begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array} \quad \begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array} \quad \begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array} \quad \begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array} \quad \begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array} \quad \begin{array}{r} 7 \\ + 6 \\ \hline 13 \end{array}$$
$$\begin{array}{r} 5 \\ + 6 \\ \hline 11 \end{array} \quad \begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array} \quad \begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 7 \\ + 6 \\ \hline 13 \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array} \quad \begin{array}{r} 5 \\ + 6 \\ \hline 11 \end{array} \quad \begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$$

Opérations Mixtes (J)

Complétez les exercices suivants

$$\begin{array}{r}
 -\frac{9}{2} \\
 -\frac{6}{5} \\
 -\frac{3}{2} \\
 -\frac{8}{3} \\
 -\frac{9}{7} \\
 -\frac{8}{4} \\
 -\frac{7}{6} \\
 -\frac{10}{3} \\
 -\frac{11}{7} \\
 +\frac{5}{5}
 \end{array}$$

$$\begin{array}{r}
 + \quad 3 \\
 + \quad 7 \\
 \hline
 + \quad 5 \\
 - \quad 3 \\
 \hline
 - \quad 2 \\
 + \quad 2 \\
 \hline
 - \quad 5 \\
 - \quad 11 \\
 \hline
 - \quad 7 \\
 + \quad 2 \\
 \hline
 + \quad 6 \\
 - \quad 7 \\
 \hline
 - \quad 13 \\
 + \quad 3 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 + \frac{2}{7} \quad + \frac{3}{6} \quad - \frac{13}{6} \quad - \frac{10}{5} \quad - \frac{10}{7} \quad + \frac{3}{3} \quad + \frac{3}{2} \quad - \frac{8}{6} \quad - \frac{12}{7} \quad + \frac{3}{7}
 \end{array}$$

$$-\frac{4}{2} - \frac{9}{3} + \frac{3}{6} - \frac{8}{6} - \frac{3}{2} + \frac{4}{7} - \frac{3}{1} - \frac{9}{5} - \frac{13}{7} + \frac{4}{2}$$

$$+ \frac{4}{1} - \frac{3}{1} + \frac{1}{3} - \frac{9}{3} - \frac{11}{7} + \frac{7}{4} - \frac{12}{5} - \frac{10}{3} - \frac{8}{1} - \frac{14}{7}$$

$$-\frac{6}{1} - \frac{7}{1} + \frac{6}{7} - \frac{7}{1} - \frac{5}{1} - \frac{8}{2} - \frac{8}{4} - \frac{11}{7} + \frac{1}{1} - \frac{13}{7}$$

$$-\frac{4}{2} + \frac{2}{6} + \frac{3}{1} - \frac{8}{1} - \frac{11}{5} - \frac{8}{5} - \frac{6}{1} + \frac{1}{4} - \frac{9}{3} - \frac{13}{7}$$

$$= \frac{7}{2} + \frac{6}{6} + \frac{3}{5} + \frac{2}{5} - \frac{12}{5} + \frac{5}{7} - \frac{5}{2} + \frac{6}{2} + \frac{7}{2} + \frac{3}{2}$$

$$= \frac{6}{1} + \frac{2}{5} + \frac{5}{4} + \frac{5}{3} - \frac{7}{4} + \frac{6}{3} - \frac{6}{3} - \frac{6}{2} + \frac{5}{6} + \frac{6}{3}$$

$$+ \frac{3}{1} = \frac{9}{2} - \frac{9}{3} - \frac{13}{6} - \frac{11}{6} = \frac{7}{3} + \frac{1}{1} - \frac{9}{2} = \frac{7}{3} + \frac{5}{5}$$

Opérations Mixtes Solutions (J)

Complétez les exercices suivants

$$\begin{array}{r} -9 \\ -2 \\ \hline 7 \end{array} \quad \begin{array}{r} -6 \\ -5 \\ \hline 1 \end{array} \quad \begin{array}{r} -3 \\ -2 \\ \hline 1 \end{array} \quad \begin{array}{r} -8 \\ -3 \\ \hline 5 \end{array} \quad \begin{array}{r} -9 \\ -7 \\ \hline 2 \end{array} \quad \begin{array}{r} -8 \\ -4 \\ \hline 4 \end{array} \quad \begin{array}{r} -7 \\ -6 \\ \hline 1 \end{array} \quad \begin{array}{r} -10 \\ -3 \\ \hline 7 \end{array} \quad \begin{array}{r} -11 \\ -7 \\ \hline 4 \end{array} \quad \begin{array}{r} +5 \\ \hline 10 \end{array}$$
$$\begin{array}{r} +3 \\ +7 \\ \hline 10 \end{array} \quad \begin{array}{r} +7 \\ +5 \\ \hline 12 \end{array} \quad \begin{array}{r} -9 \\ -3 \\ \hline 6 \end{array} \quad \begin{array}{r} -6 \\ -2 \\ \hline 4 \end{array} \quad \begin{array}{r} +7 \\ +2 \\ \hline 9 \end{array} \quad \begin{array}{r} -11 \\ -5 \\ \hline 6 \end{array} \quad \begin{array}{r} -13 \\ -7 \\ \hline 6 \end{array} \quad \begin{array}{r} +6 \\ +2 \\ \hline 8 \end{array} \quad \begin{array}{r} -13 \\ -7 \\ \hline 6 \end{array} \quad \begin{array}{r} +4 \\ +3 \\ \hline 7 \end{array}$$
$$\begin{array}{r} +2 \\ +7 \\ \hline 9 \end{array} \quad \begin{array}{r} +3 \\ +6 \\ \hline 9 \end{array} \quad \begin{array}{r} -13 \\ -6 \\ \hline 7 \end{array} \quad \begin{array}{r} -10 \\ -5 \\ \hline 5 \end{array} \quad \begin{array}{r} -10 \\ -7 \\ \hline 3 \end{array} \quad \begin{array}{r} +3 \\ +3 \\ \hline 6 \end{array} \quad \begin{array}{r} +3 \\ +2 \\ \hline 5 \end{array} \quad \begin{array}{r} -8 \\ -6 \\ \hline 2 \end{array} \quad \begin{array}{r} -12 \\ -7 \\ \hline 5 \end{array} \quad \begin{array}{r} +3 \\ +7 \\ \hline 10 \end{array}$$
$$\begin{array}{r} -4 \\ -2 \\ \hline 2 \end{array} \quad \begin{array}{r} -9 \\ -3 \\ \hline 6 \end{array} \quad \begin{array}{r} +3 \\ +6 \\ \hline 9 \end{array} \quad \begin{array}{r} -8 \\ -6 \\ \hline 2 \end{array} \quad \begin{array}{r} -3 \\ -2 \\ \hline 1 \end{array} \quad \begin{array}{r} +4 \\ +7 \\ \hline 11 \end{array} \quad \begin{array}{r} -3 \\ -1 \\ \hline 2 \end{array} \quad \begin{array}{r} -9 \\ -5 \\ \hline 4 \end{array} \quad \begin{array}{r} -13 \\ -7 \\ \hline 6 \end{array} \quad \begin{array}{r} +4 \\ +2 \\ \hline 6 \end{array}$$
$$\begin{array}{r} +4 \\ +1 \\ \hline 5 \end{array} \quad \begin{array}{r} -3 \\ -1 \\ \hline 2 \end{array} \quad \begin{array}{r} +1 \\ +3 \\ \hline 4 \end{array} \quad \begin{array}{r} -9 \\ -3 \\ \hline 6 \end{array} \quad \begin{array}{r} -11 \\ -7 \\ \hline 4 \end{array} \quad \begin{array}{r} +7 \\ +4 \\ \hline 11 \end{array} \quad \begin{array}{r} -12 \\ -5 \\ \hline 7 \end{array} \quad \begin{array}{r} -10 \\ -3 \\ \hline 7 \end{array} \quad \begin{array}{r} -8 \\ -1 \\ \hline 7 \end{array} \quad \begin{array}{r} -14 \\ -7 \\ \hline 7 \end{array}$$
$$\begin{array}{r} -6 \\ -1 \\ \hline 5 \end{array} \quad \begin{array}{r} -7 \\ -1 \\ \hline 6 \end{array} \quad \begin{array}{r} +6 \\ +7 \\ \hline 13 \end{array} \quad \begin{array}{r} -7 \\ -1 \\ \hline 6 \end{array} \quad \begin{array}{r} -5 \\ -1 \\ \hline 4 \end{array} \quad \begin{array}{r} -8 \\ -2 \\ \hline 6 \end{array} \quad \begin{array}{r} -8 \\ -4 \\ \hline 4 \end{array} \quad \begin{array}{r} -11 \\ -7 \\ \hline 4 \end{array} \quad \begin{array}{r} -1 \\ -1 \\ \hline 2 \end{array} \quad \begin{array}{r} -13 \\ -7 \\ \hline 6 \end{array}$$
$$\begin{array}{r} -4 \\ -2 \\ \hline 2 \end{array} \quad \begin{array}{r} +2 \\ +6 \\ \hline 8 \end{array} \quad \begin{array}{r} +3 \\ +1 \\ \hline 4 \end{array} \quad \begin{array}{r} -8 \\ -1 \\ \hline 7 \end{array} \quad \begin{array}{r} -11 \\ -5 \\ \hline 6 \end{array} \quad \begin{array}{r} -8 \\ -5 \\ \hline 3 \end{array} \quad \begin{array}{r} -6 \\ -1 \\ \hline 5 \end{array} \quad \begin{array}{r} -1 \\ +4 \\ \hline 5 \end{array} \quad \begin{array}{r} -9 \\ -3 \\ \hline 6 \end{array} \quad \begin{array}{r} -13 \\ -7 \\ \hline 6 \end{array}$$
$$\begin{array}{r} -7 \\ -2 \\ \hline 5 \end{array} \quad \begin{array}{r} +6 \\ +6 \\ \hline 12 \end{array} \quad \begin{array}{r} +3 \\ +5 \\ \hline 8 \end{array} \quad \begin{array}{r} -2 \\ -5 \\ \hline 7 \end{array} \quad \begin{array}{r} -12 \\ -5 \\ \hline 7 \end{array} \quad \begin{array}{r} +5 \\ +7 \\ \hline 12 \end{array} \quad \begin{array}{r} -5 \\ -2 \\ \hline 3 \end{array} \quad \begin{array}{r} -6 \\ +2 \\ \hline 8 \end{array} \quad \begin{array}{r} -7 \\ +2 \\ \hline 9 \end{array} \quad \begin{array}{r} -3 \\ +2 \\ \hline 5 \end{array}$$
$$\begin{array}{r} -6 \\ -1 \\ \hline 5 \end{array} \quad \begin{array}{r} +2 \\ +5 \\ \hline 7 \end{array} \quad \begin{array}{r} +5 \\ +4 \\ \hline 9 \end{array} \quad \begin{array}{r} -5 \\ -3 \\ \hline 8 \end{array} \quad \begin{array}{r} -7 \\ -4 \\ \hline 3 \end{array} \quad \begin{array}{r} +6 \\ +3 \\ \hline 9 \end{array} \quad \begin{array}{r} -6 \\ -3 \\ \hline 3 \end{array} \quad \begin{array}{r} -6 \\ -2 \\ \hline 4 \end{array} \quad \begin{array}{r} -5 \\ +6 \\ \hline 11 \end{array} \quad \begin{array}{r} -6 \\ +3 \\ \hline 9 \end{array}$$
$$\begin{array}{r} +3 \\ +1 \\ \hline 4 \end{array} \quad \begin{array}{r} -9 \\ -2 \\ \hline 7 \end{array} \quad \begin{array}{r} -9 \\ -3 \\ \hline 6 \end{array} \quad \begin{array}{r} -13 \\ -6 \\ \hline 7 \end{array} \quad \begin{array}{r} -11 \\ -6 \\ \hline 5 \end{array} \quad \begin{array}{r} -7 \\ -3 \\ \hline 4 \end{array} \quad \begin{array}{r} -1 \\ +1 \\ \hline 2 \end{array} \quad \begin{array}{r} -2 \\ -2 \\ \hline 7 \end{array} \quad \begin{array}{r} -7 \\ -3 \\ \hline 4 \end{array} \quad \begin{array}{r} -5 \\ +5 \\ \hline 10 \end{array}$$