

Opérations Mixtes (A)

Complétez les exercices suivants

$$\begin{array}{r}
 -7 & -4 & -14 & -14 & +3 & +5 & +0 & +7 & +5 & -10 \\
 \underline{-2} & \underline{-1} & \underline{-6} & \underline{-8} & \underline{+8} & \underline{+0} & \underline{+1} & \underline{+8} & \underline{+4} & \underline{-8}
 \end{array}$$

$$\begin{array}{r}
 + \quad 6 & + \quad 5 & + \quad 4 & - \quad 10 & - \quad 18 & - \quad 10 & + \quad 0 & - \quad 4 & + \quad 3 & + \quad 7 \\
 \underline{+} \quad 1 & \underline{+} \quad 5 & \underline{+} \quad 0 & \underline{-} \quad 9 & \underline{-} \quad 9 & \underline{-} \quad 8 & \underline{+} \quad 2 & \underline{-} \quad 3 & \underline{+} \quad 5 & \underline{+} \quad 5
 \end{array}$$

$$-\frac{11}{8} + \frac{6}{6} - \underline{\frac{1}{1}} - \frac{14}{5} - \frac{6}{4} - \underline{\frac{1}{1}} + \underline{\frac{7}{6}} + \frac{6}{5} + \frac{5}{8} + \underline{\frac{2}{8}}$$

$$\begin{array}{r}
 + \quad 8 & + \quad 4 & + \quad 5 & - \quad 8 & + \quad 3 & + \quad 4 & - \quad 17 & + \quad 3 & - \quad 7 & - \quad 3 \\
 + \quad 4 & + \quad 8 & + \quad 0 & - \quad 7 & + \quad 0 & + \quad 4 & - \quad 8 & + \quad 4 & - \quad 5 & - \quad 2
 \end{array}$$

$$+ \begin{array}{r} 7 \\ 3 \end{array} - \begin{array}{r} 13 \\ 9 \end{array} + \begin{array}{r} 0 \\ 1 \end{array} + \begin{array}{r} 5 \\ 2 \end{array} + \begin{array}{r} 8 \\ 5 \end{array} + \begin{array}{r} 5 \\ 1 \end{array} - \begin{array}{r} 10 \\ 7 \end{array} + \begin{array}{r} 3 \\ 3 \end{array} + \begin{array}{r} 8 \\ 4 \end{array} + \begin{array}{r} 7 \\ 6 \end{array}$$

$$+ \begin{array}{r} 0 \\ 8 \end{array} - \begin{array}{r} 6 \\ 0 \end{array} + \begin{array}{r} 4 \\ 6 \end{array} - \begin{array}{r} 11 \\ 4 \end{array} + \begin{array}{r} 5 \\ 8 \end{array} + \begin{array}{r} 7 \\ 8 \end{array} + \begin{array}{r} 5 \\ 6 \end{array} + \begin{array}{r} 6 \\ 2 \end{array} - \begin{array}{r} 14 \\ 5 \end{array} + \begin{array}{r} 7 \\ 2 \end{array}$$

$$-\frac{15}{9} + \frac{6}{5} - \frac{14}{9} + \frac{4}{9} - \frac{14}{6} - \frac{12}{9} + \frac{4}{9} + \frac{8}{2} - \frac{18}{9} + \frac{8}{7}$$

$$+ \begin{array}{r} 4 \\ 0 \end{array} = \begin{array}{r} 7 \\ 3 \end{array} - \begin{array}{r} 5 \\ 3 \end{array} + \begin{array}{r} 2 \\ 2 \end{array} + \begin{array}{r} 4 \\ 0 \end{array} = \begin{array}{r} 5 \\ 2 \end{array} - \begin{array}{r} 9 \\ 5 \end{array} + \begin{array}{r} 5 \\ 2 \end{array} + \begin{array}{r} 8 \\ 9 \end{array} + \begin{array}{r} 5 \\ 2 \end{array}$$

$$+ \frac{8}{7} - \frac{2}{0} - \frac{1}{1} + \frac{4}{9} + \frac{9}{0} - \frac{10}{9} - \frac{10}{3} + \frac{1}{3} + \frac{6}{2} + \frac{9}{5}$$

$$+ \begin{array}{r} 6 \\ 3 \end{array} + \begin{array}{r} 3 \\ 2 \end{array} + \begin{array}{r} 1 \\ 7 \end{array} + \begin{array}{r} 2 \\ 9 \end{array} + \begin{array}{r} 0 \\ 5 \end{array} = \begin{array}{r} 10 \\ 7 \end{array} - \begin{array}{r} 13 \\ 8 \end{array} + \begin{array}{r} 7 \\ 1 \end{array} - \begin{array}{r} 7 \\ 0 \end{array} + \begin{array}{r} 4 \\ 3 \end{array}$$

Opérations Mixtes Solutions (A)

Complétez les exercices suivants

$$\begin{array}{r} 7 \\ - 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 14 \\ - 6 \\ \hline 8 \end{array} \quad \begin{array}{r} 14 \\ - 8 \\ \hline 6 \end{array} \quad \begin{array}{r} 3 \\ + 8 \\ \hline 11 \end{array} \quad \begin{array}{r} 5 \\ + 0 \\ \hline 5 \end{array} \quad \begin{array}{r} 0 \\ + 1 \\ \hline 1 \end{array} \quad \begin{array}{r} 7 \\ + 8 \\ \hline 15 \end{array} \quad \begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array} \quad \begin{array}{r} 10 \\ - 8 \\ \hline 2 \end{array}$$
$$\begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array} \quad \begin{array}{r} 4 \\ + 0 \\ \hline 4 \end{array} \quad \begin{array}{r} 10 \\ - 9 \\ \hline 1 \end{array} \quad \begin{array}{r} 18 \\ - 9 \\ \hline 9 \end{array} \quad \begin{array}{r} 10 \\ - 8 \\ \hline 2 \end{array} \quad \begin{array}{r} 0 \\ + 2 \\ \hline 2 \end{array} \quad \begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array} \quad \begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array} \quad \begin{array}{r} 7 \\ + 5 \\ \hline 12 \end{array}$$
$$\begin{array}{r} 11 \\ - 8 \\ \hline 3 \end{array} \quad \begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array} \quad \begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 14 \\ - 5 \\ \hline 9 \end{array} \quad \begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array} \quad \begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ + 6 \\ \hline 13 \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array} \quad \begin{array}{r} 5 \\ + 8 \\ \hline 13 \end{array} \quad \begin{array}{r} 2 \\ + 8 \\ \hline 10 \end{array}$$
$$\begin{array}{r} 8 \\ + 4 \\ \hline 12 \end{array} \quad \begin{array}{r} 4 \\ + 8 \\ \hline 12 \end{array} \quad \begin{array}{r} 5 \\ + 0 \\ \hline 5 \end{array} \quad \begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array} \quad \begin{array}{r} 3 \\ + 0 \\ \hline 3 \end{array} \quad \begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array} \quad \begin{array}{r} 17 \\ - 8 \\ \hline 9 \end{array} \quad \begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array} \quad \begin{array}{r} 7 \\ - 5 \\ \hline 2 \end{array} \quad \begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$
$$\begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array} \quad \begin{array}{r} 13 \\ - 9 \\ \hline 4 \end{array} \quad \begin{array}{r} 0 \\ + 1 \\ \hline 1 \end{array} \quad \begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array} \quad \begin{array}{r} 8 \\ + 5 \\ \hline 13 \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array} \quad \begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array} \quad \begin{array}{r} 8 \\ + 4 \\ \hline 12 \end{array} \quad \begin{array}{r} 7 \\ + 6 \\ \hline 13 \end{array}$$
$$\begin{array}{r} 0 \\ + 8 \\ \hline 8 \end{array} \quad \begin{array}{r} 6 \\ - 0 \\ \hline 6 \end{array} \quad \begin{array}{r} 4 \\ + 6 \\ \hline 10 \end{array} \quad \begin{array}{r} 11 \\ - 4 \\ \hline 7 \end{array} \quad \begin{array}{r} 5 \\ + 8 \\ \hline 13 \end{array} \quad \begin{array}{r} 7 \\ + 8 \\ \hline 15 \end{array} \quad \begin{array}{r} 5 \\ + 6 \\ \hline 11 \end{array} \quad \begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array} \quad \begin{array}{r} 14 \\ - 5 \\ \hline 9 \end{array} \quad \begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$
$$\begin{array}{r} 15 \\ - 9 \\ \hline 6 \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array} \quad \begin{array}{r} 14 \\ - 9 \\ \hline 5 \end{array} \quad \begin{array}{r} 4 \\ + 9 \\ \hline 13 \end{array} \quad \begin{array}{r} 14 \\ - 6 \\ \hline 8 \end{array} \quad \begin{array}{r} 12 \\ - 9 \\ \hline 3 \end{array} \quad \begin{array}{r} 4 \\ + 9 \\ \hline 13 \end{array} \quad \begin{array}{r} 8 \\ + 2 \\ \hline 10 \end{array} \quad \begin{array}{r} 18 \\ - 9 \\ \hline 9 \end{array} \quad \begin{array}{r} 8 \\ + 7 \\ \hline 15 \end{array}$$
$$\begin{array}{r} 4 \\ + 0 \\ \hline 4 \end{array} \quad \begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ + 0 \\ \hline 4 \end{array} \quad \begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array} \quad \begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array} \quad \begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array} \quad \begin{array}{r} 8 \\ + 9 \\ \hline 17 \end{array} \quad \begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$$
$$\begin{array}{r} 8 \\ + 7 \\ \hline 15 \end{array} \quad \begin{array}{r} 2 \\ - 0 \\ \hline 2 \end{array} \quad \begin{array}{r} 1 \\ - 1 \\ \hline 0 \end{array} \quad \begin{array}{r} 4 \\ + 9 \\ \hline 13 \end{array} \quad \begin{array}{r} 9 \\ + 0 \\ \hline 9 \end{array} \quad \begin{array}{r} 10 \\ - 9 \\ \hline 1 \end{array} \quad \begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array} \quad \begin{array}{r} 9 \\ + 5 \\ \hline 14 \end{array}$$
$$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array} \quad \begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array} \quad \begin{array}{r} 2 \\ + 9 \\ \hline 11 \end{array} \quad \begin{array}{r} 0 \\ + 5 \\ \hline 5 \end{array} \quad \begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array} \quad \begin{array}{r} 13 \\ - 8 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 7 \\ - 0 \\ \hline 7 \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array}$$

Opérations Mixtes (B)

Complétez les exercices suivants

$$\begin{array}{r}
 3 & 9 & 3 & 2 & 8 & 7 & 10 & 15 & 9 & 5 \\
 + 7 & - 2 & + 6 & + 5 & + 6 & - 2 & - 8 & - 7 & - 1 & - 3 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 6 & 9 & 1 & 16 & 9 & 5 & 2 & 8 & 4 & 2 \\
 + 9 & + 4 & + 3 & - 7 & + 4 & + 9 & - 1 & + 0 & + 2 & + 2 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 -13 \\
 -8 \\
 \hline
 +5 \\
 +2 \\
 \hline
 -9 \\
 -4 \\
 \hline
 -12 \\
 -3 \\
 \hline
 +1 \\
 +5 \\
 \hline
 -13 \\
 -6 \\
 \hline
 -7 \\
 -6 \\
 \hline
 -6 \\
 -0 \\
 \hline
 +8 \\
 +9 \\
 \hline
 -10 \\
 -3
 \end{array}$$

$$\begin{array}{r}
 4 & 8 & 13 & 0 & 0 & 9 & 2 & 4 & 5 & 4 \\
 + 8 & + 5 & - 9 & + 1 & + 5 & - 6 & - 0 & - 1 & - 4 & + 6 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 -12 & -12 & -2 & +9 & -1 & -4 & -6 & -3 & +4 & -11 \\
 \underline{-6} & \underline{-3} & \underline{-1} & \underline{+5} & \underline{-0} & \underline{-0} & \underline{-5} & \underline{-0} & \underline{+6} & \underline{-4}
 \end{array}$$

$$\begin{array}{r}
 + 5 & - 4 & - 17 & - 8 & - 6 & + 0 & - 10 & - 9 & - 3 & - 9 \\
 + 6 & - 0 & - 9 & - 3 & - 5 & + 1 & - 8 & - 1 & - 0 & - 1 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 -16 \\
 -9 \\
 \hline
 +4
 \end{array}
 \quad
 \begin{array}{r}
 +0 \\
 +7 \\
 \hline
 +4
 \end{array}
 \quad
 \begin{array}{r}
 -5 \\
 +2 \\
 \hline
 -1
 \end{array}
 \quad
 \begin{array}{r}
 +8 \\
 +0 \\
 \hline
 +0
 \end{array}
 \quad
 \begin{array}{r}
 -6 \\
 -5 \\
 \hline
 -5
 \end{array}
 \quad
 \begin{array}{r}
 -10 \\
 -2 \\
 \hline
 -2
 \end{array}$$

$$\begin{array}{r}
 -13 & +8 & 0 & +5 & -8 & -8 & -14 & +1 & -13 & +2 \\
 -\underline{6} & +\underline{6} & +\underline{4} & +\underline{6} & -\underline{6} & -\underline{7} & -\underline{9} & +\underline{9} & -\underline{5} & +\underline{9}
 \end{array}$$

$$\begin{array}{r}
 -8 & -7 & -12 & +9 & -15 & -13 & +8 & -15 & +1 & +1 \\
 -5 & -4 & -9 & +5 & -9 & -4 & +1 & -9 & +3 & +8
 \end{array}$$

$$\begin{array}{ccccccccccccc}
 - & 6 & & 8 & & - & 11 & & 6 & & 6 & & - & 2 & & 2 & & 9 & & 4 & & - & 13 \\
 - & 1 & + & 6 & & - & 9 & + & 6 & + & 0 & - & 2 & + & 8 & - & 2 & + & 6 & - & 4
 \end{array}$$

Opérations Mixtes Solutions (B)

Complétez les exercices suivants

$$\begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array} \quad \begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array} \quad \begin{array}{r} 3 \\ + 6 \\ \hline 9 \end{array} \quad \begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array} \quad \begin{array}{r} 8 \\ + 6 \\ \hline 14 \end{array} \quad \begin{array}{r} 7 \\ - 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 10 \\ - 8 \\ \hline 2 \end{array} \quad \begin{array}{r} 15 \\ - 7 \\ \hline 8 \end{array} \quad \begin{array}{r} 9 \\ - 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$$
$$\begin{array}{r} 6 \\ + 9 \\ \hline 15 \end{array} \quad \begin{array}{r} 9 \\ + 4 \\ \hline 13 \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 16 \\ - 7 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ + 4 \\ \hline 13 \end{array} \quad \begin{array}{r} 5 \\ + 9 \\ \hline 14 \end{array} \quad \begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array} \quad \begin{array}{r} 8 \\ + 0 \\ \hline 8 \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$
$$\begin{array}{r} 13 \\ - 8 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array} \quad \begin{array}{r} 9 \\ - 4 \\ \hline 5 \end{array} \quad \begin{array}{r} 12 \\ - 3 \\ \hline 9 \end{array} \quad \begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array} \quad \begin{array}{r} 13 \\ - 6 \\ \hline 7 \end{array} \quad \begin{array}{r} 7 \\ - 6 \\ \hline 1 \end{array} \quad \begin{array}{r} 6 \\ - 0 \\ \hline 6 \end{array} \quad \begin{array}{r} 8 \\ + 9 \\ \hline 17 \end{array} \quad \begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array}$$
$$\begin{array}{r} 4 \\ + 8 \\ \hline 12 \end{array} \quad \begin{array}{r} 8 \\ + 5 \\ \hline 13 \end{array} \quad \begin{array}{r} 13 \\ - 9 \\ \hline 4 \end{array} \quad \begin{array}{r} 0 \\ + 1 \\ \hline 1 \end{array} \quad \begin{array}{r} 0 \\ + 5 \\ \hline 5 \end{array} \quad \begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array} \quad \begin{array}{r} 2 \\ - 0 \\ \hline 2 \end{array} \quad \begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array} \quad \begin{array}{r} 4 \\ + 6 \\ \hline 10 \end{array}$$
$$\begin{array}{r} 12 \\ - 6 \\ \hline 6 \end{array} \quad \begin{array}{r} 12 \\ - 3 \\ \hline 9 \end{array} \quad \begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array} \quad \begin{array}{r} 9 \\ + 5 \\ \hline 14 \end{array} \quad \begin{array}{r} 1 \\ - 0 \\ \hline 1 \end{array} \quad \begin{array}{r} 4 \\ - 0 \\ \hline 4 \end{array} \quad \begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array} \quad \begin{array}{r} 3 \\ - 0 \\ \hline 3 \end{array} \quad \begin{array}{r} 4 \\ + 6 \\ \hline 10 \end{array} \quad \begin{array}{r} 11 \\ - 4 \\ \hline 7 \end{array}$$
$$\begin{array}{r} 5 \\ + 6 \\ \hline 11 \end{array} \quad \begin{array}{r} 4 \\ - 0 \\ \hline 4 \end{array} \quad \begin{array}{r} 17 \\ - 9 \\ \hline 8 \end{array} \quad \begin{array}{r} 8 \\ - 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array} \quad \begin{array}{r} 0 \\ + 1 \\ \hline 1 \end{array} \quad \begin{array}{r} 10 \\ - 8 \\ \hline 2 \end{array} \quad \begin{array}{r} 9 \\ - 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 3 \\ - 0 \\ \hline 3 \end{array} \quad \begin{array}{r} 9 \\ - 1 \\ \hline 8 \end{array}$$
$$\begin{array}{r} 16 \\ - 9 \\ \hline 7 \end{array} \quad \begin{array}{r} 9 \\ + 4 \\ \hline 13 \end{array} \quad \begin{array}{r} 0 \\ + 7 \\ \hline 7 \end{array} \quad \begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array} \quad \begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array} \quad \begin{array}{r} 8 \\ + 2 \\ \hline 10 \end{array} \quad \begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 4 \\ + 0 \\ \hline 4 \end{array} \quad \begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array} \quad \begin{array}{r} 10 \\ - 2 \\ \hline 8 \end{array}$$
$$\begin{array}{r} 13 \\ - 6 \\ \hline 7 \end{array} \quad \begin{array}{r} 8 \\ + 6 \\ \hline 14 \end{array} \quad \begin{array}{r} 0 \\ + 4 \\ \hline 4 \end{array} \quad \begin{array}{r} 5 \\ + 6 \\ \hline 11 \end{array} \quad \begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array} \quad \begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array} \quad \begin{array}{r} 14 \\ - 9 \\ \hline 5 \end{array} \quad \begin{array}{r} 1 \\ + 9 \\ \hline 10 \end{array} \quad \begin{array}{r} 13 \\ - 5 \\ \hline 8 \end{array} \quad \begin{array}{r} 2 \\ + 9 \\ \hline 11 \end{array}$$
$$\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array} \quad \begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array} \quad \begin{array}{r} 12 \\ - 9 \\ \hline 3 \end{array} \quad \begin{array}{r} 9 \\ + 5 \\ \hline 14 \end{array} \quad \begin{array}{r} 15 \\ - 9 \\ \hline 6 \end{array} \quad \begin{array}{r} 13 \\ - 4 \\ \hline 9 \end{array} \quad \begin{array}{r} 8 \\ + 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 15 \\ - 9 \\ \hline 6 \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 1 \\ + 8 \\ \hline 9 \end{array}$$
$$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array} \quad \begin{array}{r} 8 \\ + 6 \\ \hline 14 \end{array} \quad \begin{array}{r} 11 \\ - 9 \\ \hline 2 \end{array} \quad \begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array} \quad \begin{array}{r} 6 \\ + 0 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ - 2 \\ \hline 0 \end{array} \quad \begin{array}{r} 2 \\ + 8 \\ \hline 10 \end{array} \quad \begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array} \quad \begin{array}{r} 4 \\ + 6 \\ \hline 10 \end{array} \quad \begin{array}{r} 13 \\ - 4 \\ \hline 9 \end{array}$$

Opérations Mixtes (C)

Complétez les exercices suivants

$$\begin{array}{r}
 + \frac{1}{8} \\
 + \frac{2}{4} \\
 + \frac{7}{0} \\
 - \frac{13}{7} \\
 + \frac{3}{0} \\
 - \frac{8}{5} \\
 - \frac{3}{2} \\
 + \frac{1}{5} \\
 - \frac{11}{7} \\
 + \frac{7}{8}
 \end{array}$$

$$-\begin{array}{r} 6 \\ 1 \end{array} +\begin{array}{r} 4 \\ 1 \end{array} +\begin{array}{r} 7 \\ 1 \end{array} -\begin{array}{r} 14 \\ 5 \end{array} -\begin{array}{r} 9 \\ 8 \end{array} +\begin{array}{r} 0 \\ 6 \end{array} -\begin{array}{r} 14 \\ 9 \end{array} +\begin{array}{r} 0 \\ 5 \end{array} +\begin{array}{r} 5 \\ 4 \end{array} -\begin{array}{r} 11 \\ 7 \end{array}$$

$$-\frac{7}{1} - \frac{10}{4} - \frac{6}{4} + \frac{5}{5} + \frac{5}{9} - \frac{16}{9} + \frac{2}{1} - \frac{12}{7} + \frac{5}{0} - \frac{5}{3}$$

$$+ \begin{array}{r} 5 \\ 4 \end{array} + \begin{array}{r} 0 \\ 2 \end{array} + \begin{array}{r} 7 \\ 8 \end{array} + \begin{array}{r} 0 \\ 4 \end{array} - \begin{array}{r} 9 \\ 1 \end{array} - \begin{array}{r} 9 \\ 9 \end{array} + \begin{array}{r} 0 \\ 9 \end{array} - \begin{array}{r} 7 \\ 5 \end{array} + \begin{array}{r} 6 \\ 0 \end{array} - \begin{array}{r} 10 \\ 9 \end{array}$$

$$-\frac{8}{1} - \frac{10}{5} + \frac{3}{4} + \frac{5}{1} - \frac{10}{8} + \frac{3}{8} + \frac{0}{0} + \frac{1}{2} - \frac{12}{6} - \frac{1}{1}$$

$$= \frac{4}{-3} + \frac{0}{9} - \frac{6}{0} + \frac{2}{0} + \frac{3}{0} = \frac{7}{7} + \frac{8}{4} + \frac{2}{1} + \frac{6}{3} + \frac{3}{1}$$

$$= \frac{5}{5} - \frac{11}{4} - \frac{9}{7} + \frac{8}{3} - \frac{12}{6} - \frac{13}{9} + \frac{1}{6} - \frac{13}{4} + \frac{7}{2} - \frac{8}{3}$$

$$= \frac{3}{0} - \frac{12}{8} + \frac{5}{7} + \frac{1}{7} + \frac{4}{4} = \frac{13}{8} - \frac{5}{5} - \frac{4}{1} + \frac{0}{4} + \frac{1}{2}$$

$$+ \begin{array}{r} 0 \\ 8 \end{array} - \begin{array}{r} 12 \\ 7 \end{array} - \begin{array}{r} 4 \\ 2 \end{array} - \begin{array}{r} 17 \\ 8 \end{array} + \begin{array}{r} 8 \\ 9 \end{array} + \begin{array}{r} 4 \\ 6 \end{array} + \begin{array}{r} 3 \\ 0 \end{array} - \begin{array}{r} 6 \\ 2 \end{array} + \begin{array}{r} 9 \\ 5 \end{array} - \begin{array}{r} 12 \\ 3 \end{array}$$

$$= \frac{12}{7} - \frac{1}{0} - \frac{15}{8} - \frac{10}{1} + \frac{6}{5} = \frac{11}{4} - \frac{16}{7} - \frac{12}{7} + \frac{2}{2} + \frac{8}{0}$$

Opérations Mixtes Solutions (C)

Complétez les exercices suivants

$$\begin{array}{r} + \quad 1 \\ + \quad 8 \\ \hline 9 \end{array} \quad \begin{array}{r} + \quad 2 \\ + \quad 4 \\ \hline 6 \end{array} \quad \begin{array}{r} + \quad 7 \\ + \quad 0 \\ \hline 7 \end{array} \quad \begin{array}{r} - \quad 13 \\ - \quad 7 \\ \hline 6 \end{array} \quad \begin{array}{r} + \quad 3 \\ + \quad 0 \\ \hline 3 \end{array} \quad \begin{array}{r} - \quad 8 \\ - \quad 5 \\ \hline 3 \end{array} \quad \begin{array}{r} - \quad 3 \\ - \quad 2 \\ \hline 1 \end{array} \quad \begin{array}{r} + \quad 1 \\ + \quad 5 \\ \hline 6 \end{array} \quad \begin{array}{r} - \quad 11 \\ - \quad 7 \\ \hline 4 \end{array} \quad \begin{array}{r} + \quad 7 \\ + \quad 8 \\ \hline 15 \end{array}$$

$$\begin{array}{r}
 -\frac{6}{5} + \frac{4}{5} + \frac{7}{8} - \frac{14}{9} - \frac{9}{1} + \frac{0}{6} - \frac{14}{5} + \frac{0}{5} + \frac{5}{9} - \frac{11}{4}
 \end{array}$$

$$\begin{array}{r}
 -\frac{7}{6} & -\frac{10}{6} & -\frac{6}{2} & +\frac{5}{10} & +\frac{5}{14} & -\frac{16}{7} & +\frac{2}{3} & -\frac{12}{5} & +\frac{5}{5} & -\frac{5}{2}
 \end{array}$$

$$\begin{array}{r} \underline{+} \end{array}$$

$\frac{5}{9}$	$\frac{0}{2}$	$\frac{7}{15}$	$\frac{0}{4}$	$\frac{-}{8}$	$\frac{9}{0}$	$\frac{9}{9}$	$\frac{0}{9}$	$\frac{7}{2}$	$\frac{6}{5}$	$\frac{10}{6}$
---------------	---------------	----------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	----------------

$$\begin{array}{r} - \frac{8}{1} \\ - \frac{1}{7} \\ \hline - \frac{10}{5} \end{array} \quad \begin{array}{r} + \frac{3}{4} \\ + \frac{1}{6} \\ \hline - \frac{8}{2} \end{array} \quad \begin{array}{r} + \frac{3}{8} \\ + \frac{0}{11} \\ \hline + \frac{0}{0} \end{array} \quad \begin{array}{r} + \frac{1}{2} \\ + \frac{1}{3} \\ \hline - \frac{12}{6} \end{array} \quad \begin{array}{r} - \frac{1}{0} \\ \hline \end{array}$$

$$\begin{array}{r}
 \frac{4}{-3} & \frac{0}{+9} & \frac{6}{-0} & \frac{2}{+0} & \frac{3}{+0} & \frac{7}{-7} & \frac{8}{+4} & \frac{2}{+1} & \frac{6}{+3} & \frac{3}{+1} \\
 - & + & - & + & + & - & + & + & + & + \\
 1 & 9 & 6 & 2 & 3 & 0 & 12 & 3 & 9 & 4
 \end{array}$$

$$\begin{array}{r}
 -5 & -11 & -9 & +8 & -12 & -13 & +1 & -13 & +7 & -8 \\
 -5 & -4 & -7 & +3 & -6 & -9 & +6 & -4 & +2 & -3 \\
 \hline
 0 & 7 & 2 & 11 & 6 & 4 & 7 & 9 & 9 & 5
 \end{array}$$

$$\begin{array}{r}
 -\frac{3}{3} & -\frac{12}{4} & +\frac{5}{12} & +\frac{1}{8} & +\frac{4}{8} & -\frac{13}{5} & -\frac{5}{0} & -\frac{1}{3} & +\frac{0}{4} & +\frac{1}{3}
 \end{array}$$

$$\begin{array}{r}
 0 & -12 & -4 & -17 & +8 & +4 & +3 & -6 & +9 & -12 \\
 +8 & -7 & -2 & -8 & +9 & +6 & +0 & -2 & +5 & -3 \\
 \hline
 8 & 5 & 2 & 9 & 17 & 10 & 3 & 4 & 14 & 9
 \end{array}$$

$$\begin{array}{r}
 -\frac{12}{7} \\
 -\frac{1}{0} \\
 -\frac{15}{8} \\
 -\frac{10}{9} \\
 +\frac{6}{11} \\
 -\frac{11}{4} \\
 -\frac{16}{7} \\
 -\frac{12}{5} \\
 +\frac{2}{4} \\
 +\frac{8}{0}
 \end{array}$$

Opérations Mixtes (D)

Complétez les exercices suivants

$$\begin{array}{r} - \\ \underline{9} & + \\ \underline{8} & 4 & 1 & 6 & 7 & 4 & 0 & 5 & 11 & 9 \\ & + & + & + & + & + & + & + & - & + \\ & 4 & 5 & 7 & 15 & 5 & 3 & 14 & 9 & 9 \end{array}$$

$$\begin{array}{r} + \\ \underline{4} & - \\ \underline{6} & 1 & 2 & 2 & 8 & 3 & 4 & 6 & 3 & 5 \\ & + & + & + & + & + & - & + & + & - \\ & 10 & 3 & 10 & 16 & 8 & 12 & 12 & 11 & 14 \end{array}$$

$$\begin{array}{r} + \\ \underline{9} & - \\ \underline{5} & 9 & 9 & 3 & 3 & 5 & 9 & 5 & 1 & 3 \\ & - & - & - & - & + & + & + & - & + \\ & 14 & 0 & 8 & 5 & 10 & 16 & 12 & 7 & 2 \end{array}$$

$$\begin{array}{r} - \\ \underline{11} & - \\ \underline{6} & 3 & 6 & 3 & 0 & 6 & 4 & 3 & 6 & 1 \\ & - & - & + & - & - & + & + & + & - \\ & 5 & 9 & 8 & 5 & 12 & 7 & 7 & 0 & 2 \end{array}$$

$$\begin{array}{r} - \\ \underline{8} & + \\ \underline{7} & 2 & 0 & 3 & 7 & 2 & 4 & 1 & 2 & 2 \\ & + & + & + & - & - & + & - & - & - \\ & 15 & 7 & 4 & 16 & 4 & 5 & 6 & 9 & 9 \end{array}$$

$$\begin{array}{r} + \\ \underline{7} & + \\ \underline{0} & 3 & 8 & 9 & 4 & 7 & 2 & 6 & 5 & 5 \\ & + & - & + & - & - & + & + & - & + \\ & 11 & 17 & 11 & 5 & 13 & 6 & 3 & 13 & 3 \end{array}$$

$$\begin{array}{r} - \\ \underline{15} & + \\ \underline{9} & 6 & 6 & 9 & 7 & 7 & 9 & 3 & 7 & 6 \\ & - & - & + & - & + & + & - & + & - \\ & 6 & 9 & 7 & 2 & 4 & 5 & 4 & 7 & 13 \end{array}$$

$$\begin{array}{r} - \\ \underline{8} & + \\ \underline{8} & 5 & 8 & 3 & 8 & 6 & 5 & 8 & 2 & 8 \\ & + & + & + & + & - & + & - & + & - \\ & 13 & 11 & 11 & 15 & 8 & 4 & 15 & 4 & 5 \end{array}$$

$$\begin{array}{r} - \\ \underline{12} & + \\ \underline{4} & 0 & 2 & 2 & 9 & 9 & 5 & 6 & 1 & 4 \\ & + & + & + & + & - & + & + & + & + \\ & 8 & 2 & 4 & 13 & 1 & 1 & 4 & 9 & 5 \end{array}$$

$$\begin{array}{r} - \\ \underline{13} & + \\ \underline{5} & 5 & 1 & 4 & 0 & 8 & 9 & 5 & 6 & 8 \\ & + & + & + & - & + & + & - & - & - \\ & 18 & 6 & 5 & 0 & 17 & 2 & 1 & 8 & 6 \end{array}$$

Opérations Mixtes Solutions (D)

Complétez les exercices suivants

$$\begin{array}{r}
 - & 9 & 0 & 1 & 6 & 7 & 4 & 0 & 5 & 11 & 9 \\
 - & 8 & + 4 & + 1 & + 4 & + 8 & + 1 & + 3 & + 9 & - 2 & + 0 \\
 \hline
 1 & 4 & 2 & 10 & 15 & 5 & 3 & 14 & 9 & 9 \\
 \\
 + & 4 & 6 & 4 & 1 & 6 & 2 & 8 & 1 & 8 & 9 \\
 + & 6 & - 1 & + 2 & + 2 & + 8 & + 3 & - 4 & + 6 & + 3 & - 5 \\
 \hline
 10 & 5 & 6 & 3 & 14 & 5 & 4 & 7 & 11 & 11 & 4 \\
 \\
 + & 9 & 14 & 9 & 8 & 8 & 0 & 1 & 7 & 7 & 2 \\
 + & 5 & - 9 & - 9 & - 3 & - 3 & + 5 & + 9 & + 5 & - 1 & + 3 \\
 \hline
 14 & 5 & 0 & 5 & 5 & 5 & 10 & 12 & 6 & 5 \\
 \\
 - & 11 & 7 & 15 & 8 & 5 & 12 & 7 & 7 & 0 & 2 \\
 - & 6 & - 3 & - 6 & + 3 & - 0 & - 6 & + 4 & + 3 & 6 & - 1 \\
 \hline
 5 & 4 & 9 & 11 & 5 & 6 & 11 & 10 & 6 & 1 \\
 \\
 - & 8 & 7 & 4 & 6 & 16 & 4 & 5 & 6 & 9 & 9 \\
 - & 7 & + 2 & + 0 & - 3 & - 7 & - 2 & + 4 & - 1 & 2 & - 2 \\
 \hline
 1 & 9 & 4 & 3 & 3 & 9 & 2 & 9 & 5 & 7 \\
 \\
 + & 7 & 4 & 11 & 17 & 5 & 13 & 6 & 3 & 13 & 3 \\
 + & 0 & + 3 & - 8 & - 9 & - 4 & - 7 & + 2 & + 6 & - 5 & + 5 \\
 \hline
 7 & 7 & 3 & 8 & 8 & 1 & 6 & 8 & 9 & 8 \\
 \\
 - & 15 & 7 & 7 & 9 & 7 & 4 & 5 & 4 & 7 & 13 \\
 - & 9 & + 6 & - 6 & + 9 & - 7 & + 7 & + 9 & - 3 & 7 & - 6 \\
 \hline
 6 & 13 & 1 & 18 & 0 & 11 & 14 & 1 & 14 & 7 \\
 \\
 - & 8 & 5 & 8 & 7 & 7 & 8 & 4 & 15 & 4 & 5 \\
 - & 8 & + 5 & + 8 & + 3 & + 8 & - 6 & + 5 & - 8 & 2 & + 8 \\
 \hline
 0 & 10 & 16 & 10 & 15 & 2 & 9 & 7 & 6 & 13 \\
 \\
 - & 12 & 3 & 3 & 4 & 4 & 12 & 1 & 4 & 9 & 5 \\
 - & 4 & + 0 & + 2 & + 2 & + 9 & - 9 & + 5 & + 6 & 1 & + 4 \\
 \hline
 8 & 3 & 5 & 6 & 13 & 3 & 6 & 10 & 10 & 9 \\
 \\
 - & 13 & 8 & 3 & 1 & 0 & 1 & 2 & 6 & 8 & 6 \\
 - & 5 & + 5 & + 1 & + 4 & - 0 & + 8 & + 9 & - 5 & 5 & - 2 \\
 \hline
 8 & 13 & 4 & 5 & 0 & 9 & 11 & 1 & 3 & 4
 \end{array}$$

Opérations Mixtes (E)

Complétez les exercices suivants

$$\begin{array}{r}
 -15 \\
 -6 \\
 \hline
 -10
 \end{array}
 \quad
 \begin{array}{r}
 +5 \\
 +3 \\
 \hline
 +8
 \end{array}
 \quad
 \begin{array}{r}
 +5 \\
 +3 \\
 \hline
 +8
 \end{array}
 \quad
 \begin{array}{r}
 -6 \\
 -5 \\
 \hline
 -1
 \end{array}
 \quad
 \begin{array}{r}
 +3 \\
 +3 \\
 \hline
 +6
 \end{array}
 \quad
 \begin{array}{r}
 +5 \\
 +4 \\
 \hline
 +9
 \end{array}
 \quad
 \begin{array}{r}
 +7 \\
 +2 \\
 \hline
 +9
 \end{array}
 \quad
 \begin{array}{r}
 -9 \\
 -1 \\
 \hline
 -10
 \end{array}
 \quad
 \begin{array}{r}
 +6 \\
 +6 \\
 \hline
 +12
 \end{array}$$

$$\begin{array}{r}
 -11 & +5 & -12 & +6 & -18 & +5 & -15 & +4 & -3 & +8 \\
 -5 & +3 & -5 & +6 & -9 & +5 & -7 & +6 & -0 & +6 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 -13 \\
 -4 \\
 \hline
 -3
 \end{array}
 \quad
 \begin{array}{r}
 -6 \\
 +5 \\
 \hline
 +5
 \end{array}
 \quad
 \begin{array}{r}
 +9 \\
 +7 \\
 \hline
 +7
 \end{array}
 \quad
 \begin{array}{r}
 -9 \\
 -5 \\
 \hline
 -5
 \end{array}
 \quad
 \begin{array}{r}
 +1 \\
 +0 \\
 \hline
 +1
 \end{array}
 \quad
 \begin{array}{r}
 +9 \\
 +6 \\
 \hline
 +1
 \end{array}
 \quad
 \begin{array}{r}
 +7 \\
 +1 \\
 \hline
 +1
 \end{array}
 \quad
 \begin{array}{r}
 +6 \\
 +1 \\
 \hline
 +1
 \end{array}$$

$$\begin{array}{r}
 8 & 11 & 8 & 4 & 13 & 6 & 3 & 6 & 14 & 3 \\
 + 1 & - 3 & - 3 & + 9 & - 8 & + 3 & - 0 & + 3 & - 5 & + 3 \\
 \hline
\end{array}$$

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

$$\begin{array}{r}
 1 & 7 & 11 & 6 & 5 & 3 & 14 & 6 & 6 & 7 \\
 - 0 & - 0 & - 5 & - 2 & - 5 & - 0 & - 8 & + 4 & - 3 & - 4 \\
 \hline
 0 & 0 & 6 & 4 & 0 & 3 & 6 & 2 & 3 & 3
 \end{array}$$

$$\begin{array}{r} 8 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 0 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 0 \\ \hline \end{array}$$

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

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

$$\begin{array}{r}
 3 & 9 & 5 & 5 & 7 & 9 & 4 & 0 & 6 & 1 \\
 + 1 & - 5 & + 2 & + 2 & + 6 & + 7 & + 3 & - 0 & + 7 & + 4 \\
 \hline
\end{array}$$

Opérations Mixtes Solutions (E)

Complétez les exercices suivants

$$\begin{array}{r}
 -\frac{15}{6} \quad -\frac{1}{0} \quad +\frac{5}{3} \quad +\frac{5}{3} \quad -\frac{6}{5} \quad +\frac{3}{1} \quad +\frac{5}{4} \quad +\frac{7}{2} \quad -\frac{9}{1} \quad -\frac{6}{8} \\
 \hline
 9 \qquad \textcolor{red}{1} \qquad 8 \qquad \textcolor{red}{8} \qquad 1 \qquad \textcolor{red}{6} \qquad 9 \qquad \textcolor{red}{9} \qquad 8 \qquad \textcolor{red}{0}
 \end{array}$$

$$\begin{array}{r}
 -\frac{11}{5} & +\frac{5}{3} & -\frac{12}{5} & +\frac{6}{6} & -\frac{18}{9} & +\frac{5}{10} & -\frac{15}{7} & +\frac{4}{6} & -\frac{3}{0} & +\frac{8}{6} \\
 \hline
 6 & 8 & 7 & 12 & 9 & 10 & 8 & 10 & 3 & 14
 \end{array}$$

$$\begin{array}{r}
 -\frac{13}{4} \\
 -\frac{4}{9} \\
 \hline
 -\frac{3}{1}
 \end{array}
 \quad
 \begin{array}{r}
 -\frac{6}{5} \\
 +\frac{9}{14} \\
 +\frac{5}{12} \\
 \hline
 -\frac{5}{4}
 \end{array}
 \quad
 \begin{array}{r}
 +\frac{9}{0} \\
 +\frac{1}{1} \\
 \hline
 +\frac{6}{15}
 \end{array}
 \quad
 \begin{array}{r}
 +\frac{7}{1} \\
 +\frac{1}{8} \\
 \hline
 +\frac{6}{7}
 \end{array}$$

$$\begin{array}{r}
 + \quad 8 & - \quad 11 & - \quad 8 & + \quad 4 & - \quad 13 & + \quad 6 & - \quad 3 & + \quad 6 & - \quad 14 & + \quad 3 \\
 + \quad 1 & - \quad 3 & - \quad 3 & + \quad 9 & - \quad 8 & + \quad 3 & - \quad 0 & + \quad 3 & - \quad 5 & + \quad 3 \\
 \hline
 \textcolor{red}{9} & \textcolor{red}{8} & \textcolor{red}{5} & \textcolor{red}{13} & \textcolor{red}{5} & \textcolor{red}{9} & \textcolor{red}{3} & \textcolor{red}{9} & \textcolor{red}{9} & \textcolor{red}{6}
 \end{array}$$

$$\begin{array}{r}
 8 & 10 & 8 & 8 & 6 & 7 & 7 & 3 & 11 & 6 \\
 + 5 & - 1 & - 3 & - 3 & + 4 & + 3 & - 4 & + 5 & - 5 & + 9 \\
 \hline
 13 & 9 & 5 & 5 & 10 & 10 & 3 & 8 & 6 & 15
 \end{array}$$

$$\begin{array}{r}
 -\frac{1}{0} & -\frac{7}{0} & -\frac{11}{5} & -\frac{6}{2} & -\frac{5}{0} & -\frac{3}{0} & -\frac{14}{8} & +\frac{6}{4} & -\frac{6}{3} & -\frac{7}{4}
 \end{array}$$

$$\begin{array}{r} \underline{-} \quad \underline{+} \quad \underline{+} \quad \underline{+} \quad \underline{+} \quad \underline{+} \quad \underline{+} \quad \underline{-} \quad \underline{+} \quad \underline{+} \\ \begin{array}{r} 8 \\ 7 \\ 1 \end{array} \quad \begin{array}{r} 8 \\ 2 \\ 10 \end{array} \quad \begin{array}{r} 2 \\ 1 \\ 3 \end{array} \quad \begin{array}{r} 4 \\ 3 \\ 7 \end{array} \quad \begin{array}{r} 1 \\ 0 \\ 1 \end{array} \quad \begin{array}{r} 6 \\ 2 \\ 8 \end{array} \quad \begin{array}{r} 7 \\ 6 \\ 13 \end{array} \quad \begin{array}{r} 8 \\ 6 \\ 2 \end{array} \quad \begin{array}{r} 4 \\ 4 \\ 8 \end{array} \quad \begin{array}{r} 7 \\ 0 \\ 7 \end{array} \end{array}$$

$$\begin{array}{r} + \quad 1 \\ + \quad 6 \\ \hline 7 \end{array} \quad \begin{array}{r} + \quad 9 \\ + \quad 4 \\ \hline 13 \end{array} \quad \begin{array}{r} - \quad 4 \\ - \quad 2 \\ \hline 2 \end{array} \quad \begin{array}{r} + \quad 8 \\ + \quad 8 \\ \hline 16 \end{array} \quad \begin{array}{r} + \quad 7 \\ + \quad 8 \\ \hline 15 \end{array} \quad \begin{array}{r} - \quad 12 \\ - \quad 3 \\ \hline 9 \end{array} \quad \begin{array}{r} - \quad 14 \\ - \quad 6 \\ \hline 8 \end{array} \quad \begin{array}{r} - \quad 13 \\ - \quad 6 \\ \hline 7 \end{array} \quad \begin{array}{r} + \quad 6 \\ + \quad 6 \\ \hline 12 \end{array} \quad \begin{array}{r} + \quad 6 \\ + \quad 7 \\ \hline 13 \end{array}$$

$$\begin{array}{r}
 -\frac{13}{9} & -\frac{10}{5} & +\frac{5}{6} & +\frac{5}{10} & +\frac{8}{14} & +\frac{2}{1} & -\frac{9}{3} & +\frac{8}{14} & +\frac{5}{14} & +\frac{3}{11}
 \end{array}$$

$$\begin{array}{r} \underline{+} \quad 3 \\ + \quad 1 \\ \hline 4 \end{array} \quad \begin{array}{r} - \quad 9 \\ - \quad 5 \\ \hline 4 \end{array} \quad \begin{array}{r} + \quad 5 \\ + \quad 2 \\ \hline 7 \end{array} \quad \begin{array}{r} + \quad 5 \\ + \quad 2 \\ \hline 7 \end{array} \quad \begin{array}{r} + \quad 7 \\ + \quad 6 \\ \hline 13 \end{array} \quad \begin{array}{r} + \quad 9 \\ + \quad 7 \\ \hline 16 \end{array} \quad \begin{array}{r} + \quad 4 \\ + \quad 3 \\ \hline 7 \end{array} \quad \begin{array}{r} - \quad 0 \\ - \quad 0 \\ \hline 0 \end{array} \quad \begin{array}{r} + \quad 6 \\ + \quad 7 \\ \hline 13 \end{array} \quad \begin{array}{r} + \quad 1 \\ + \quad 4 \\ \hline 5 \end{array}$$

Opérations Mixtes (F)

Complétez les exercices suivants

$$\begin{array}{r}
 -\frac{3}{1} + \frac{5}{0} + \frac{7}{5} + \frac{2}{3} + \frac{4}{9} + \frac{0}{0} - \frac{9}{8} + \frac{4}{6} + \frac{0}{2} - \frac{6}{4}
 \end{array}$$

$$\begin{array}{r}
 -8 \\
 -5 \\
 \hline
 -3 \\
 -3 \\
 \hline
 -5 \\
 -9 \\
 \hline
 +8 \\
 +6 \\
 \hline
 +0 \\
 +0 \\
 \hline
 +1 \\
 +0 \\
 \hline
 -0 \\
 -0 \\
 \hline
 +2 \\
 +0 \\
 \hline
 +7 \\
 +4
 \end{array}$$

$$\begin{array}{r}
 -\frac{12}{9} \\
 -\frac{15}{9} \\
 -\frac{9}{5} \\
 +\frac{9}{8} \\
 -\frac{11}{8} \\
 +\frac{6}{8} \\
 +\frac{8}{9} \\
 -\frac{13}{5} \\
 -\frac{4}{4} \\
 -\frac{13}{5}
 \end{array}$$

$$-\frac{7}{3} + \frac{9}{3} - \frac{10}{8} - \frac{3}{2} + \frac{7}{0} - \frac{9}{6} + \frac{9}{8} + \frac{6}{5} - \frac{6}{5} - \frac{7}{4}$$

$$- \begin{array}{r} 7 \\ 4 \\ + 6 \\ + 5 \\ + 8 \\ + 9 \\ - 1 \\ + 8 \\ + 0 \\ + 5 \\ + 8 \\ + 2 \end{array}$$

$$-\frac{11}{8} + \frac{7}{1} - \frac{14}{7} - \frac{10}{2} - \frac{12}{4} + \frac{3}{8} - \frac{14}{7} - \frac{7}{2} + \frac{9}{9} + \frac{9}{1}$$

$$+ \frac{3}{4} = \frac{11}{7} + \frac{9}{4} - \frac{10}{2} + \frac{1}{8} - \frac{13}{6} - \frac{15}{7} - \frac{17}{9} - \frac{13}{5} + \frac{2}{4}$$

$$= \frac{9}{7} = \frac{7}{4} + \frac{6}{7} = \frac{6}{1} + \frac{0}{7} = \frac{12}{7} = \frac{1}{1} = \frac{6}{4} = \frac{6}{0} + \frac{8}{3}$$

$$+ \begin{array}{r} 2 \\ 0 \end{array} - \begin{array}{r} 10 \\ 3 \end{array} - \begin{array}{r} 5 \\ 3 \end{array} - \begin{array}{r} 8 \\ 3 \end{array} + \begin{array}{r} 4 \\ 4 \end{array} + \begin{array}{r} 1 \\ 6 \end{array} + \begin{array}{r} 7 \\ 7 \end{array} - \begin{array}{r} 4 \\ 4 \end{array} - \begin{array}{r} 15 \\ 8 \end{array} + \begin{array}{r} 4 \\ 2 \end{array}$$

$$-\frac{14}{5} - \frac{3}{2} + \frac{4}{8} - \frac{1}{0} + \frac{7}{6} - \frac{4}{0} + \frac{1}{0} + \frac{1}{8} - \frac{4}{1} - \frac{11}{5}$$

Opérations Mixtes Solutions (F)

Complétez les exercices suivants

$$\begin{array}{r}
 - & 3 & + & 5 & + & 7 & + & 2 & + & 4 & + & 0 & - & 9 & + & 4 & + & 0 & - & 6 \\
 \hline
 - & 1 & + & 0 & + & 5 & + & 3 & + & 9 & + & 0 & - & 8 & + & 6 & + & 2 & - & 4 \\
 \hline
 & 2 & & 5 & & 12 & & 5 & & 13 & & 0 & & 1 & & 10 & & 2 & & 2
 \end{array}$$

$$\begin{array}{r}
 - & 8 & - & 3 & - & 11 & - & 14 & + & 6 & + & 0 & + & 1 & - & 2 & + & 0 & - & 7 \\
 \hline
 - & 5 & - & 3 & - & 5 & - & 9 & + & 8 & + & 6 & + & 0 & - & 0 & + & 0 & + & 4 \\
 \hline
 & 3 & & 0 & & 6 & & 5 & & 14 & & 6 & & 1 & & 2 & & 0 & & 11
 \end{array}$$

$$\begin{array}{r}
 - & 12 & - & 15 & - & 9 & - & 9 & + & 11 & + & 6 & + & 8 & - & 13 & - & 4 & - & 13 \\
 \hline
 - & 9 & - & 9 & - & 5 & - & 8 & - & 8 & + & 8 & + & 9 & - & 5 & - & 4 & - & 5 \\
 \hline
 & 3 & & 6 & & 4 & & 17 & & 3 & & 14 & & 17 & & 8 & & 0 & & 8
 \end{array}$$

$$\begin{array}{r}
 - & 7 & + & 9 & - & 10 & - & 3 & + & 7 & - & 9 & + & 9 & + & 6 & - & 6 & - & 7 \\
 \hline
 - & 3 & + & 3 & - & 8 & - & 2 & + & 0 & - & 6 & + & 8 & + & 5 & - & 5 & - & 4 \\
 \hline
 & 4 & & 12 & & 2 & & 1 & & 7 & & 3 & & 17 & & 11 & & 1 & & 3
 \end{array}$$

$$\begin{array}{r}
 - & 7 & + & 3 & + & 3 & + & 0 & + & 2 & + & 9 & - & 1 & + & 8 & + & 0 & + & 2 & + & 0 \\
 \hline
 - & 4 & + & 6 & + & 5 & + & 8 & + & 8 & + & 9 & - & 1 & + & 8 & + & 0 & + & 8 & + & 2 \\
 \hline
 & 3 & & 9 & & 8 & & 8 & & 11 & & 5 & & 8 & & 5 & & 10 & & 2
 \end{array}$$

$$\begin{array}{r}
 - & 11 & + & 7 & - & 14 & - & 10 & - & 12 & + & 3 & - & 14 & - & 7 & + & 9 & - & 9 \\
 \hline
 - & 8 & + & 1 & - & 7 & - & 2 & - & 4 & + & 8 & - & 7 & - & 2 & + & 9 & + & 1 \\
 \hline
 & 3 & & 8 & & 7 & & 8 & & 8 & & 11 & & 7 & & 5 & & 18 & & 10
 \end{array}$$

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

$$\begin{array}{r}
 - & 9 & - & 7 & + & 6 & - & 6 & + & 0 & - & 12 & - & 7 & - & 1 & - & 6 & - & 6 & + & 8 \\
 \hline
 - & 7 & - & 4 & + & 7 & - & 1 & + & 7 & - & 7 & - & 5 & - & 0 & - & 2 & - & 6 & - & 0 \\
 \hline
 & 2 & & 3 & & 13 & & 5 & & 7 & & 5 & & 0 & & 2 & & 6 & & 11
 \end{array}$$

$$\begin{array}{r}
 + & 2 & - & 10 & - & 5 & - & 8 & + & 4 & + & 1 & + & 7 & - & 4 & - & 8 & - & 7 & + & 4 \\
 \hline
 + & 0 & - & 3 & - & 3 & - & 3 & + & 4 & + & 6 & + & 7 & + & 14 & - & 4 & - & 7 & + & 2 \\
 \hline
 & 2 & & 7 & & 2 & & 5 & & 8 & & 7 & & 14 & & 0 & & 7 & & 6
 \end{array}$$

$$\begin{array}{r}
 - & 14 & - & 2 & + & 8 & - & 0 & + & 6 & - & 0 & + & 0 & + & 1 & + & 1 & - & 1 & - & 5 \\
 \hline
 - & 5 & & 1 & & 12 & & 1 & & 13 & & 4 & & 1 & & 9 & & 3 & & 6
 \end{array}$$

Opérations Mixtes (G)

Complétez les exercices suivants

$$\begin{array}{r}
 9 \\
 + 0 \\
 \hline
 9
 \end{array}
 \quad
 \begin{array}{r}
 6 \\
 - 5 \\
 \hline
 1
 \end{array}
 \quad
 \begin{array}{r}
 3 \\
 + 9 \\
 \hline
 12
 \end{array}
 \quad
 \begin{array}{r}
 4 \\
 + 0 \\
 \hline
 4
 \end{array}
 \quad
 \begin{array}{r}
 7 \\
 + 0 \\
 \hline
 7
 \end{array}
 \quad
 \begin{array}{r}
 4 \\
 - 3 \\
 \hline
 1
 \end{array}
 \quad
 \begin{array}{r}
 1 \\
 + 4 \\
 \hline
 5
 \end{array}
 \quad
 \begin{array}{r}
 3 \\
 + 0 \\
 \hline
 3
 \end{array}
 \quad
 \begin{array}{r}
 9 \\
 - 6 \\
 \hline
 3
 \end{array}
 \quad
 \begin{array}{r}
 8 \\
 - 8 \\
 \hline
 0
 \end{array}$$

$$\begin{array}{r}
 2 & 9 & 8 & 3 & 9 & 5 & 7 & 6 & 2 & 6 \\
 + 8 & + 1 & + 9 & + 1 & + 4 & + 7 & + 7 & - 0 & - 1 & + 4 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 10 & 2 & 10 & 4 & 9 & 5 & 9 & 8 & 4 & 15 \\
 - 6 & + 9 & - 4 & + 6 & + 6 & + 2 & + 9 & + 0 & - 0 & - 8 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 -17 \\
 -9 \\
 \hline
 -6
 \end{array}
 \quad
 \begin{array}{r}
 -9 \\
 -6 \\
 \hline
 -6
 \end{array}
 \quad
 \begin{array}{r}
 -13 \\
 -1 \\
 \hline
 -1
 \end{array}
 \quad
 \begin{array}{r}
 -6 \\
 -8 \\
 \hline
 -16
 \end{array}
 \quad
 \begin{array}{r}
 +0 \\
 +6 \\
 \hline
 +6
 \end{array}
 \quad
 \begin{array}{r}
 +7 \\
 +1 \\
 \hline
 +8
 \end{array}
 \quad
 \begin{array}{r}
 -15 \\
 -6 \\
 \hline
 -9
 \end{array}
 \quad
 \begin{array}{r}
 +7 \\
 +1 \\
 \hline
 +8
 \end{array}
 \quad
 \begin{array}{r}
 -2 \\
 -2 \\
 \hline
 -4
 \end{array}$$

$$\begin{array}{r} 7 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 0 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 9 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ + 9 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 0 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r}
 8 & 6 & 4 & 1 & 1 & 3 & 6 & 11 & 4 & 5 \\
 + 4 & - 2 & + 4 & + 4 & - 0 & - 3 & + 5 & - 3 & - 0 & + 4 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 1 & 7 & 3 & 6 & 10 & 8 & 11 & 10 & 8 & 9 \\
 + 5 & + 6 & + 0 & - 6 & - 2 & - 4 & - 3 & - 4 & - 1 & + 7 \\
 \hline
\end{array}$$

$$\begin{array}{r} -17 \\ -9 \end{array} \quad \begin{array}{r} -8 \\ -8 \end{array} \quad \begin{array}{r} +6 \\ +1 \end{array} \quad \begin{array}{r} -1 \\ -1 \end{array} \quad \begin{array}{r} -10 \\ -6 \end{array} \quad \begin{array}{r} -13 \\ -4 \end{array} \quad \begin{array}{r} -4 \\ -0 \end{array} \quad \begin{array}{r} +6 \\ +6 \end{array} \quad \begin{array}{r} -10 \\ -1 \end{array} \quad \begin{array}{r} -11 \\ -5 \end{array}$$

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

$$\begin{array}{r}
 6 & 8 & 16 & 9 & 2 & 4 & 3 & 3 & 4 & 8 \\
 + 7 & - 3 & - 8 & - 1 & + 6 & + 1 & + 3 & - 3 & - 3 & + 2 \\
 \hline
\end{array}$$

Opérations Mixtes Solutions (G)

Complétez les exercices suivants

$$\begin{array}{r}
 + 9 & - 6 & + 3 & + 4 & + 7 & - 4 & + 1 & + 3 & - 9 & - 8 \\
 + 0 & - 5 & + 9 & + 0 & + 0 & - 3 & + 4 & + 0 & - 6 & - 8 \\
 \hline
 9 & 1 & 12 & 4 & 7 & 1 & 5 & 3 & 3 & 0
 \end{array}$$

$$\begin{array}{r}
 + 2 & + 9 & + 8 & + 3 & + 9 & + 5 & + 7 & - 6 & - 2 & - 6 \\
 + 8 & + 1 & + 9 & + 1 & + 4 & + 7 & + 7 & 0 & 1 & + 4 \\
 \hline
 10 & 10 & 17 & 4 & 13 & 12 & 14 & 6 & 1 & 10
 \end{array}$$

$$\begin{array}{r}
 - 10 & + 2 & - 10 & + 4 & + 9 & + 5 & + 9 & - 8 & - 4 & - 15 \\
 - 6 & + 9 & - 4 & + 6 & + 6 & + 2 & + 9 & 0 & 0 & - 8 \\
 \hline
 4 & 11 & 6 & 10 & 15 & 7 & 18 & 8 & 4 & 7
 \end{array}$$

$$\begin{array}{r}
 - 17 & - 9 & - 13 & - 6 & - 16 & - 0 & - 7 & - 15 & - 7 & - 2 \\
 - 9 & - 6 & - 6 & - 1 & - 8 & + 6 & + 1 & 6 & 1 & 2 \\
 \hline
 8 & 3 & 7 & 5 & 8 & 6 & 8 & 9 & 8 & 0
 \end{array}$$

$$\begin{array}{r}
 - 7 & + 6 & + 2 & + 7 & + 6 & + 9 & + 4 & - 3 & - 3 & - 1 \\
 - 6 & + 0 & + 9 & + 2 & + 3 & + 9 & + 5 & 0 & 1 & 1 \\
 \hline
 1 & 6 & 11 & 9 & 9 & 18 & 9 & 3 & 2 & 2
 \end{array}$$

$$\begin{array}{r}
 + 8 & - 6 & + 4 & + 1 & - 1 & - 3 & + 6 & - 11 & - 4 & - 5 \\
 + 4 & - 2 & + 4 & + 4 & 0 & 0 & 5 & 3 & 0 & 4 \\
 \hline
 12 & 4 & 8 & 5 & 1 & 0 & 11 & 8 & 4 & 9
 \end{array}$$

$$\begin{array}{r}
 + 1 & + 7 & + 3 & + 6 & + 10 & + 8 & + 11 & + 10 & + 8 & + 9 \\
 + 5 & + 6 & + 0 & - 6 & - 2 & - 4 & - 3 & 4 & 1 & 7 \\
 \hline
 6 & 13 & 3 & 0 & 8 & 4 & 8 & 6 & 7 & 16
 \end{array}$$

$$\begin{array}{r}
 - 17 & - 8 & + 6 & - 1 & - 10 & - 13 & - 4 & - 6 & - 10 & - 11 \\
 - 9 & - 8 & + 1 & - 1 & - 6 & - 4 & 0 & 6 & 1 & 5 \\
 \hline
 8 & 0 & 7 & 0 & 4 & 9 & 4 & 12 & 9 & 6
 \end{array}$$

$$\begin{array}{r}
 - 11 & - 9 & + 7 & + 2 & + 3 & + 1 & - 7 & - 5 & + 1 & - 10 \\
 - 6 & - 9 & + 4 & + 4 & + 7 & + 3 & 7 & 5 & 5 & 4 \\
 \hline
 5 & 0 & 11 & 6 & 10 & 4 & 0 & 0 & 6 & 6
 \end{array}$$

$$\begin{array}{r}
 + 6 & - 8 & - 16 & - 9 & - 2 & + 4 & + 3 & - 3 & - 4 & - 8 \\
 + 7 & - 3 & - 8 & - 1 & + 6 & + 1 & + 3 & 3 & 3 & 2 \\
 \hline
 13 & 5 & 8 & 8 & 8 & 5 & 6 & 0 & 1 & 10
 \end{array}$$

Opérations Mixtes (H)

Complétez les exercices suivants

$$\begin{array}{r}
 + \quad 1 \\
 + \quad 1 \\
 \hline
 + \quad 7 \\
 + \quad 6 \\
 \hline
 - \quad 2 \\
 - \quad 9 \\
 \hline
 - \quad 16 \\
 - \quad 9 \\
 \hline
 + \quad 18 \\
 + \quad 8 \\
 \hline
 + \quad 5 \\
 + \quad 14 \\
 \hline
 - \quad 7 \\
 - \quad 9 \\
 \hline
 + \quad 9 \\
 + \quad 6 \\
 \hline
 + \quad 3 \\
 + \quad 15 \\
 \hline
 - \quad 9
 \end{array}$$

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

$$+ \frac{2}{7} - \frac{11}{3} - \frac{17}{8} + \frac{4}{5} + \frac{7}{1} - \frac{12}{3} - \frac{3}{2} + \frac{1}{9} - \frac{14}{8} - \frac{12}{7}$$

$$+ \begin{array}{r} 4 \\ 1 \end{array} + \begin{array}{r} 5 \\ 1 \end{array} + \begin{array}{r} 2 \\ 2 \end{array} - \begin{array}{r} 14 \\ 8 \end{array} - \begin{array}{r} 18 \\ 9 \end{array} - \begin{array}{r} 12 \\ 3 \end{array} - \begin{array}{r} 12 \\ 5 \end{array} + \begin{array}{r} 4 \\ 9 \end{array} - \begin{array}{r} 7 \\ 7 \end{array} + \begin{array}{r} 6 \\ 1 \end{array}$$

$$-\frac{6}{4} + \frac{4}{0} + \frac{0}{8} + \frac{5}{4} - \frac{8}{5} + \frac{0}{9} - \frac{16}{8} + \frac{1}{3} + \frac{1}{4} - \frac{17}{8}$$

$$-\frac{7}{4} + \frac{7}{8} - \frac{3}{2} - \frac{3}{0} + \frac{4}{7} - \frac{12}{9} + \frac{7}{2} - \frac{5}{4} + \frac{7}{8} - \frac{6}{1}$$

$$-\frac{12}{5} - \frac{4}{9} + \frac{1}{9} + \frac{3}{9} - \frac{9}{0} + \frac{8}{4} - \frac{5}{5} + \frac{1}{5} - \frac{12}{4} - \frac{6}{4}$$

$$+ \begin{array}{r} 5 \\ 8 \end{array} + \begin{array}{r} 7 \\ 1 \end{array} - \begin{array}{r} 9 \\ 4 \end{array} + \begin{array}{r} 6 \\ 7 \end{array} - \begin{array}{r} 16 \\ 7 \end{array} - \begin{array}{r} 15 \\ 6 \end{array} + \begin{array}{r} 5 \\ 1 \end{array} + \begin{array}{r} 9 \\ 3 \end{array} + \begin{array}{r} 8 \\ 0 \end{array} + \begin{array}{r} 7 \\ 3 \end{array}$$

$$-\frac{11}{7} - \frac{11}{3} + \frac{9}{5} - \frac{10}{2} - \frac{7}{2} + \frac{2}{7} + \frac{2}{6} + \frac{7}{6} - \frac{9}{2} + \frac{9}{8}$$

$$+ \begin{array}{r} 8 \\ 0 \end{array} + \begin{array}{r} 7 \\ 6 \end{array} - \begin{array}{r} 5 \\ 1 \end{array} + \begin{array}{r} 8 \\ 5 \end{array} + \begin{array}{r} 1 \\ 1 \end{array} - \begin{array}{r} 2 \\ 1 \end{array} - \begin{array}{r} 8 \\ 6 \end{array} + \begin{array}{r} 8 \\ 2 \end{array} - \begin{array}{r} 12 \\ 6 \end{array} + \begin{array}{r} 0 \\ 1 \end{array}$$

Opérations Mixtes Solutions (H)

Complétez les exercices suivants

$$\begin{array}{r}
 + 1 & + 7 & - 9 & - 16 & - 18 & + 5 & - 14 & - 9 & + 3 & - 15 \\
 \underline{+ 1} & \underline{+ 6} & \underline{- 2} & \underline{- 9} & \underline{- 9} & \underline{+ 8} & \underline{- 7} & \underline{- 9} & \underline{+ 6} & \underline{- 9} \\
 \hline
 2 & 13 & 7 & 7 & 9 & 13 & 7 & 0 & 9 & 6
 \end{array}$$

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

$$\begin{array}{r}
 + 2 & - 11 & - 17 & + 4 & + 7 & - 12 & - 3 & + 1 & - 14 & - 12 \\
 \underline{+ 7} & \underline{- 3} & \underline{- 8} & \underline{+ 5} & \underline{+ 1} & \underline{- 3} & \underline{- 2} & \underline{+ 9} & \underline{- 8} & \underline{- 7} \\
 \hline
 9 & 8 & 9 & 9 & 8 & 9 & 1 & 10 & 6 & 5
 \end{array}$$

$$\begin{array}{r}
 + 4 & + 5 & + 2 & - 14 & - 18 & - 12 & - 12 & + 4 & - 7 & + 6 \\
 \underline{+ 1} & \underline{+ 1} & \underline{+ 2} & \underline{- 8} & \underline{- 9} & \underline{- 3} & \underline{- 5} & \underline{+ 9} & \underline{- 7} & \underline{+ 1} \\
 \hline
 5 & 6 & 4 & 6 & 9 & 9 & 7 & 13 & 0 & 7
 \end{array}$$

$$\begin{array}{r}
 - 6 & + 4 & + 0 & + 5 & - 8 & + 0 & - 16 & + 1 & + 1 & - 17 \\
 \underline{- 4} & \underline{+ 0} & \underline{+ 8} & \underline{+ 4} & \underline{- 5} & \underline{+ 9} & \underline{- 8} & \underline{+ 3} & \underline{+ 4} & \underline{- 8} \\
 \hline
 2 & 4 & 8 & 9 & 3 & 9 & 8 & 4 & 5 & 9
 \end{array}$$

$$\begin{array}{r}
 - 7 & + 7 & - 3 & - 3 & + 4 & - 12 & - 7 & - 5 & + 7 & - 6 \\
 \underline{- 4} & \underline{+ 8} & \underline{- 2} & \underline{- 0} & \underline{+ 7} & \underline{- 9} & \underline{+ 2} & \underline{- 4} & \underline{+ 8} & \underline{- 1} \\
 \hline
 3 & 15 & 1 & 3 & 11 & 3 & 9 & 1 & 15 & 5
 \end{array}$$

$$\begin{array}{r}
 - 12 & - 4 & + 1 & + 3 & - 9 & + 8 & - 5 & + 1 & - 4 & + 6 \\
 \underline{- 5} & \underline{- 4} & \underline{+ 9} & \underline{+ 9} & \underline{- 0} & \underline{+ 4} & \underline{- 5} & \underline{+ 5} & \underline{- 4} & \underline{- 4} \\
 \hline
 7 & 0 & 10 & 12 & 9 & 12 & 0 & 6 & 8 & 2
 \end{array}$$

$$\begin{array}{r}
 + 5 & + 7 & - 9 & + 6 & - 16 & - 15 & + 5 & + 9 & + 8 & + 7 \\
 \underline{+ 8} & \underline{+ 1} & \underline{- 4} & \underline{+ 7} & \underline{- 7} & \underline{- 6} & \underline{+ 1} & \underline{+ 3} & \underline{+ 0} & \underline{+ 3} \\
 \hline
 13 & 8 & 5 & 13 & 9 & 9 & 6 & 12 & 8 & 10
 \end{array}$$

$$\begin{array}{r}
 - 11 & - 11 & + 9 & - 10 & - 7 & + 2 & + 2 & + 7 & - 9 & + 9 \\
 \underline{- 7} & \underline{- 3} & \underline{+ 5} & \underline{- 2} & \underline{- 2} & \underline{+ 7} & \underline{+ 6} & \underline{+ 6} & \underline{- 2} & \underline{+ 8} \\
 \hline
 4 & 8 & 14 & 8 & 5 & 9 & 8 & 13 & 7 & 17
 \end{array}$$

$$\begin{array}{r}
 + 8 & + 7 & - 5 & + 8 & + 1 & - 2 & - 8 & + 8 & - 12 & + 0 \\
 \underline{+ 0} & \underline{+ 6} & \underline{- 1} & \underline{+ 5} & \underline{+ 1} & \underline{- 1} & \underline{- 6} & \underline{+ 2} & \underline{- 6} & \underline{+ 1} \\
 \hline
 8 & 13 & 4 & 13 & 2 & 1 & 2 & 10 & 6 & 1
 \end{array}$$

Opérations Mixtes (I)

Complétez les exercices suivants

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

$$\begin{array}{r}
 + \frac{6}{2} \\
 + \frac{7}{5} \\
 - \frac{7}{2} \\
 + \frac{3}{2} \\
 + \frac{4}{7} \\
 + \frac{9}{7} \\
 - \frac{13}{9} \\
 - \frac{18}{9} \\
 + \frac{6}{2} \\
 + \frac{8}{7}
 \end{array}$$

$$\begin{array}{r}
 + \quad 0 \\
 + \quad 5 \\
 \hline
 - \quad 1
 \end{array}
 \quad
 \begin{array}{r}
 + \quad 2 \\
 + \quad 1 \\
 \hline
 + \quad 3
 \end{array}
 \quad
 \begin{array}{r}
 + \quad 9 \\
 + \quad 1 \\
 \hline
 + \quad 8
 \end{array}
 \quad
 \begin{array}{r}
 + \quad 6 \\
 + \quad 3 \\
 \hline
 + \quad 1
 \end{array}
 \quad
 \begin{array}{r}
 - \quad 5 \\
 - \quad 0 \\
 \hline
 + \quad 3
 \end{array}
 \quad
 \begin{array}{r}
 + \quad 1 \\
 + \quad 3 \\
 \hline
 + \quad 9
 \end{array}
 \quad
 \begin{array}{r}
 + \quad 2 \\
 + \quad 9 \\
 \hline
 + \quad 8
 \end{array}$$

$$\begin{array}{r}
 + \quad 0 \quad + \quad 5 \quad + \quad 6 \quad + \quad 1 \quad + \quad 6 \quad + \quad 3 \quad + \quad 0 \quad - \quad 7 \quad - \quad 6 \quad + \quad 4 \\
 + \quad 7 \quad + \quad 4 \quad + \quad 2 \quad + \quad 2 \quad + \quad 9 \quad + \quad 4 \quad + \quad 5 \quad - \quad 2 \quad - \quad 2 \quad + \quad 8
 \end{array}$$

$$-\frac{9}{8} - \frac{7}{2} + \frac{5}{8} - \frac{12}{9} + \frac{9}{9} + \frac{9}{7} + \frac{4}{4} - \frac{16}{8} + \frac{7}{3} - \frac{6}{0}$$

$$+ \begin{array}{r} 4 \\ 3 \end{array} - \begin{array}{r} 17 \\ 8 \end{array} + \begin{array}{r} 9 \\ 7 \end{array} - \begin{array}{r} 16 \\ 7 \end{array} - \begin{array}{r} 15 \\ 6 \end{array} + \begin{array}{r} 8 \\ 7 \end{array} + \begin{array}{r} 7 \\ 2 \end{array} - \begin{array}{r} 11 \\ 2 \end{array} - \begin{array}{r} 5 \\ 2 \end{array} - \begin{array}{r} 9 \\ 3 \end{array}$$

$$= \begin{matrix} 0 & - & 14 & + & 7 & + & 6 & + & 7 & - & 11 & + & 4 & - & 6 & + & 0 & - & 11 \\ 0 & - & 5 & + & 5 & + & 0 & + & 3 & - & 4 & + & 8 & - & 6 & + & 0 & - & 4 \end{matrix}$$

$$+ \begin{array}{r} 2 \\ 7 \end{array} + \begin{array}{r} 7 \\ 5 \end{array} + \begin{array}{r} 8 \\ 0 \end{array} - \begin{array}{r} 4 \\ 1 \end{array} + \begin{array}{r} 9 \\ 9 \end{array} + \begin{array}{r} 0 \\ 9 \end{array} - \begin{array}{r} 6 \\ 1 \end{array} - \begin{array}{r} 10 \\ 4 \end{array} + \begin{array}{r} 9 \\ 5 \end{array} + \begin{array}{r} 7 \\ 6 \end{array}$$

$$+ \begin{array}{r} 4 \\ 1 \end{array} + \begin{array}{r} 4 \\ 1 \end{array} - \begin{array}{r} 10 \\ 7 \end{array} - \begin{array}{r} 4 \\ 4 \end{array} + \begin{array}{r} 6 \\ 1 \end{array} + \begin{array}{r} 8 \\ 1 \end{array} - \begin{array}{r} 7 \\ 0 \end{array} + \begin{array}{r} 7 \\ 5 \end{array} - \begin{array}{r} 6 \\ 2 \end{array} + \begin{array}{r} 2 \\ 1 \end{array}$$

$$+ \begin{matrix} 9 \\ 1 \end{matrix} = \begin{matrix} 16 \\ 7 \end{matrix} + \begin{matrix} 6 \\ 3 \end{matrix} + \begin{matrix} 7 \\ 9 \end{matrix} = \begin{matrix} 3 \\ 3 \end{matrix} = \begin{matrix} 12 \\ 6 \end{matrix} + \begin{matrix} 8 \\ 9 \end{matrix} + \begin{matrix} 4 \\ 0 \end{matrix} = \begin{matrix} 5 \\ 4 \end{matrix} = \begin{matrix} 13 \\ 4 \end{matrix}$$

Opérations Mixtes Solutions (I)

Complétez les exercices suivants

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

$$\begin{array}{r}
 + \quad 6 & + \quad 7 & - \quad 7 & + \quad 3 & + \quad 4 & + \quad 9 & - \quad 13 & - \quad 18 & + \quad 6 & + \quad 8 \\
 \underline{+} \quad 2 & \underline{+} \quad 5 & \underline{-} \quad 2 & \underline{+} \quad 2 & \underline{+} \quad 7 & \underline{+} \quad 7 & \underline{-} \quad 9 & \underline{-} \quad 9 & \underline{+} \quad 2 & \underline{+} \quad 7 \\
 \hline
 8 & 12 & 5 & 5 & 11 & 16 & 4 & 9 & 8 & 15
 \end{array}$$

$$\begin{array}{r}
 + \quad 0 & - \quad 1 & + \quad 2 & + \quad 9 & + \quad 6 & + \quad 8 & - \quad 5 & + \quad 1 & + \quad 2 & + \quad 5 \\
 \underline{+} \quad 5 & \underline{-} \quad 1 & \underline{+} \quad 2 & \underline{+} \quad 1 & \underline{+} \quad 3 & \underline{+} \quad 1 & \underline{-} \quad 0 & \underline{+} \quad 3 & \underline{+} \quad 9 & \underline{+} \quad 8 \\
 \hline
 5 & 0 & 4 & 10 & 9 & 9 & 5 & 4 & 11 & 13
 \end{array}$$

$$\begin{array}{r}
 + \quad 0 & + \quad 5 & + \quad 6 & + \quad 1 & + \quad 6 & + \quad 3 & + \quad 0 & - \quad 7 & + \quad 6 & + \quad 4 \\
 \underline{+} \quad 7 & \underline{+} \quad 4 & \underline{+} \quad 2 & \underline{+} \quad 2 & \underline{+} \quad 9 & \underline{+} \quad 4 & \underline{+} \quad 5 & \underline{-} \quad 2 & \underline{-} \quad 2 & \underline{+} \quad 8 \\
 \hline
 7 & 9 & 8 & 3 & 15 & 7 & 5 & 5 & 4 & 12
 \end{array}$$

$$\begin{array}{r}
 - \quad 9 & - \quad 7 & + \quad 5 & - \quad 12 & + \quad 9 & + \quad 9 & + \quad 4 & - \quad 16 & + \quad 7 & - \quad 6 \\
 \underline{-} \quad 8 & \underline{-} \quad 2 & \underline{+} \quad 8 & \underline{-} \quad 9 & \underline{+} \quad 9 & \underline{+} \quad 7 & \underline{+} \quad 4 & \underline{-} \quad 8 & \underline{+} \quad 3 & \underline{-} \quad 0 \\
 \hline
 1 & 5 & 13 & 3 & 18 & 16 & 8 & 8 & 10 & 6
 \end{array}$$

$$\begin{array}{r}
 + \quad 4 & - \quad 17 & + \quad 9 & - \quad 16 & - \quad 15 & + \quad 8 & + \quad 7 & - \quad 11 & + \quad 5 & + \quad 9 \\
 \underline{+} \quad 3 & \underline{-} \quad 8 & \underline{+} \quad 7 & \underline{-} \quad 7 & \underline{-} \quad 6 & \underline{+} \quad 8 & \underline{+} \quad 7 & \underline{-} \quad 2 & \underline{-} \quad 2 & \underline{-} \quad 3 \\
 \hline
 7 & 9 & 16 & 9 & 9 & 16 & 14 & 9 & 3 & 6
 \end{array}$$

$$\begin{array}{r}
 - \quad 0 & - \quad 14 & + \quad 7 & + \quad 6 & + \quad 7 & + \quad 11 & + \quad 4 & - \quad 6 & + \quad 0 & + \quad 11 \\
 \underline{-} \quad 0 & \underline{-} \quad 5 & \underline{+} \quad 5 & \underline{+} \quad 0 & \underline{+} \quad 3 & \underline{-} \quad 4 & \underline{+} \quad 8 & \underline{-} \quad 6 & \underline{+} \quad 0 & \underline{-} \quad 4 \\
 \hline
 0 & 9 & 12 & 6 & 10 & 7 & 12 & 0 & 0 & 7
 \end{array}$$

$$\begin{array}{r}
 + \quad 2 & + \quad 7 & + \quad 8 & - \quad 4 & + \quad 9 & + \quad 0 & - \quad 6 & - \quad 10 & + \quad 9 & + \quad 7 \\
 \underline{+} \quad 7 & \underline{+} \quad 5 & \underline{+} \quad 0 & \underline{-} \quad 1 & \underline{+} \quad 9 & \underline{+} \quad 9 & \underline{-} \quad 1 & \underline{-} \quad 4 & \underline{+} \quad 5 & \underline{+} \quad 6 \\
 \hline
 9 & 12 & 8 & 3 & 18 & 9 & 5 & 6 & 14 & 13
 \end{array}$$

$$\begin{array}{r}
 + \quad 4 & + \quad 4 & - \quad 10 & - \quad 4 & + \quad 6 & + \quad 8 & - \quad 7 & + \quad 7 & + \quad 6 & + \quad 2 \\
 \underline{+} \quad 1 & \underline{+} \quad 1 & \underline{-} \quad 7 & \underline{-} \quad 4 & \underline{+} \quad 1 & \underline{+} \quad 1 & \underline{-} \quad 0 & \underline{+} \quad 5 & \underline{-} \quad 2 & \underline{+} \quad 1 \\
 \hline
 5 & 5 & 3 & 0 & 7 & 9 & 7 & 12 & 4 & 3
 \end{array}$$

$$\begin{array}{r}
 + \quad 9 & - \quad 16 & + \quad 6 & + \quad 7 & - \quad 3 & + \quad 12 & + \quad 8 & + \quad 4 & + \quad 5 & + \quad 13 \\
 \underline{+} \quad 1 & \underline{-} \quad 7 & \underline{+} \quad 3 & \underline{+} \quad 9 & \underline{-} \quad 3 & \underline{-} \quad 6 & \underline{+} \quad 9 & \underline{+} \quad 0 & \underline{-} \quad 4 & \underline{-} \quad 4 \\
 \hline
 10 & 9 & 9 & 16 & 0 & 6 & 17 & 4 & 1 & 9
 \end{array}$$

Opérations Mixtes (J)

Complétez les exercices suivants

$$+ \begin{array}{r} 0 \\ 7 \end{array} \quad + \begin{array}{r} 0 \\ 0 \end{array} \quad + \begin{array}{r} 6 \\ 8 \end{array} \quad + \begin{array}{r} 4 \\ 5 \end{array} \quad - \begin{array}{r} 9 \\ 5 \end{array} \quad - \begin{array}{r} 8 \\ 7 \end{array} \quad + \begin{array}{r} 1 \\ 9 \end{array} \quad - \begin{array}{r} 8 \\ 0 \end{array} \quad + \begin{array}{r} 7 \\ 2 \end{array} \quad + \begin{array}{r} 1 \\ 0 \end{array}$$

$$-\frac{9}{6} + \frac{1}{1} - \frac{6}{1} - \frac{10}{2} + \frac{8}{7} - \frac{11}{4} - \frac{9}{5} - \frac{9}{1} - \frac{4}{0} + \frac{4}{4}$$

$$-\frac{17}{8} - \frac{12}{5} + \frac{9}{8} + \frac{8}{4} - \frac{3}{2} - \frac{18}{9} - \frac{4}{0} + \frac{3}{8} - \frac{15}{9} + \frac{2}{1}$$

$$-\frac{12}{4} + \frac{5}{4} + \frac{7}{9} + \frac{4}{4} - \frac{7}{5} + \frac{8}{3} + \frac{5}{3} - \frac{9}{4} + \frac{9}{5} - \frac{13}{9}$$

$$= \frac{9}{4} + \frac{7}{7} + \frac{6}{7} + \frac{5}{4} + \frac{3}{8} - \frac{4}{1} - \frac{15}{6} - \frac{5}{2} + \frac{3}{7} + \frac{1}{7}$$

$$+ \frac{0}{3} + \frac{2}{0} + \frac{1}{5} - \frac{12}{5} - \frac{16}{9} + \frac{6}{9} - \frac{16}{9} + \frac{7}{1} - \frac{6}{5} + \frac{7}{3}$$

$$= \frac{9}{9} - \frac{9}{5} + \frac{1}{9} - \frac{12}{4} + \frac{4}{6} + \frac{1}{7} + \frac{8}{7} - \frac{1}{1} + \frac{1}{6} + \frac{0}{0}$$

$$= \frac{16}{9} + \frac{3}{7} - \frac{8}{7} + \frac{3}{6} - \frac{12}{8} - \frac{12}{6} + \frac{6}{0} + \frac{4}{7} - \frac{4}{0} + \frac{3}{6}$$

$$= \frac{14}{9} + \frac{6}{0} + \frac{1}{3} - \frac{10}{2} + \frac{6}{0} - \frac{17}{9} - \frac{14}{6} - \frac{4}{1} - \frac{16}{9} - \frac{17}{8}$$

11 6 1 10 0 11 9 8 9 5
7 0 2 5 8 8 0 0 1 8

Opérations Mixtes Solutions (J)

Complétez les exercices suivants

$$\begin{array}{r}
 0 & 0 & 6 & 4 & 9 & 8 & 1 & 8 & 7 & 1 \\
 + 7 & + 0 & + 8 & + 5 & - 5 & - 7 & + 9 & - 0 & + 2 & + 0 \\
 \hline
 7 & 0 & 14 & 9 & 4 & 1 & 10 & 8 & 9 & 1
 \end{array}$$

$$\begin{array}{r}
 9 & 1 & 6 & 10 & 8 & 11 & 9 & 9 & 4 & 4 \\
 - 6 & + 1 & - 1 & - 2 & + 7 & - 4 & - 5 & - 1 & - 0 & + 4 \\
 \hline
 3 & 2 & 5 & 8 & 15 & 7 & 4 & 8 & 4 & 8
 \end{array}$$

$$\begin{array}{r}
 17 & 12 & 9 & 8 & 3 & 18 & 4 & 3 & 15 & 2 \\
 - 8 & - 5 & + 8 & + 4 & - 2 & - 9 & - 0 & + 8 & - 9 & + 1 \\
 \hline
 9 & 7 & 17 & 12 & 1 & 9 & 4 & 11 & 6 & 3
 \end{array}$$

$$\begin{array}{r}
 12 & 5 & 7 & 4 & 7 & 8 & 5 & 9 & 9 & 13 \\
 - 4 & + 4 & + 9 & + 4 & - 5 & + 3 & + 3 & - 4 & + 5 & - 9 \\
 \hline
 8 & 9 & 16 & 8 & 2 & 11 & 8 & 5 & 14 & 4
 \end{array}$$

$$\begin{array}{r}
 9 & 7 & 6 & 5 & 3 & 4 & 15 & 5 & 3 & 1 \\
 - 4 & + 7 & + 7 & + 4 & + 8 & - 1 & - 6 & - 2 & + 7 & + 7 \\
 \hline
 5 & 14 & 13 & 9 & 11 & 3 & 9 & 3 & 10 & 8
 \end{array}$$

$$\begin{array}{r}
 0 & 2 & 1 & 12 & 16 & 6 & 16 & 7 & 6 & 7 \\
 + 3 & + 0 & + 5 & - 5 & - 9 & + 9 & - 9 & + 1 & - 5 & + 3 \\
 \hline
 3 & 2 & 6 & 7 & 7 & 15 & 7 & 8 & 1 & 10
 \end{array}$$

$$\begin{array}{r}
 9 & 9 & 1 & 12 & 4 & 1 & 8 & 1 & 1 & 0 \\
 - 9 & - 5 & + 9 & - 4 & + 6 & + 7 & + 7 & - 1 & + 6 & + 0 \\
 \hline
 0 & 4 & 10 & 8 & 10 & 8 & 15 & 0 & 7 & 0
 \end{array}$$

$$\begin{array}{r}
 16 & 3 & 8 & 3 & 12 & 12 & 6 & 4 & 4 & 3 \\
 - 9 & + 7 & - 7 & + 6 & - 8 & - 6 & + 0 & + 7 & - 0 & + 6 \\
 \hline
 7 & 10 & 1 & 9 & 4 & 6 & 6 & 11 & 4 & 9
 \end{array}$$

$$\begin{array}{r}
 14 & 6 & 1 & 10 & 6 & 17 & 14 & 4 & 16 & 17 \\
 - 9 & + 0 & + 3 & - 2 & + 0 & - 9 & - 6 & - 1 & - 9 & - 8 \\
 \hline
 5 & 6 & 4 & 8 & 6 & 8 & 8 & 3 & 7 & 9
 \end{array}$$

$$\begin{array}{r}
 11 & 6 & 1 & 10 & 0 & 11 & 9 & 8 & 9 & 5 \\
 - 7 & - 0 & + 2 & - 5 & + 8 & - 8 & - 0 & + 0 & - 1 & + 9 \\
 \hline
 4 & 6 & 3 & 5 & 8 & 3 & 9 & 8 & 8 & 14
 \end{array}$$