

## Opérations Mixtes (I)

## Complétez les exercices suivants

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

$$\begin{array}{r}
 + 4 \\
 + 4 \\
 \hline
 - 8
 \end{array}$$

$$\begin{array}{r}
 -\frac{13}{6} + \frac{7}{9} + \frac{3}{-1} - \frac{12}{9} + \frac{3}{6} - \frac{14}{10} - \frac{8}{3} + \frac{9}{7} + \frac{6}{4}
 \end{array}$$

$$-\frac{17}{8} - \frac{11}{6} + \frac{4}{8} + \frac{7}{8} - \frac{14}{7} + \frac{2}{6} - \frac{4}{2} - \frac{14}{8} - \frac{14}{4} - \frac{6}{3}$$

$$-\frac{9}{8} - \frac{8}{6} - \frac{16}{9} - \frac{10}{9} + \frac{8}{1} + \frac{2}{1} - \frac{7}{8} + \frac{5}{8} - \frac{11}{8} + \frac{2}{4}$$

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

$$+ \begin{matrix} 10 \\ 6 \end{matrix} + \begin{matrix} 9 \\ 6 \end{matrix} + \begin{matrix} 2 \\ 8 \end{matrix} + \begin{matrix} 6 \\ 1 \end{matrix} + \begin{matrix} 10 \\ 5 \end{matrix} - \begin{matrix} 17 \\ 10 \end{matrix} - \begin{matrix} 10 \\ 2 \end{matrix} - \begin{matrix} 17 \\ 10 \end{matrix} + \begin{matrix} 10 \\ 6 \end{matrix} + \begin{matrix} 2 \\ 7 \end{matrix}$$

$$-\frac{13}{10} + \frac{6}{4} - \frac{11}{6} - \frac{9}{5} - \frac{20}{10} + \frac{8}{7} - \frac{15}{5} - \frac{6}{5} + \frac{3}{1} - \frac{10}{8}$$

$$+ \begin{matrix} 2 \\ 1 \end{matrix} - \begin{matrix} 12 \\ 2 \end{matrix} - \begin{matrix} 15 \\ 10 \end{matrix} - \begin{matrix} 9 \\ 6 \end{matrix} - \begin{matrix} 11 \\ 1 \end{matrix} + \begin{matrix} 6 \\ 5 \end{matrix} + \begin{matrix} 10 \\ 9 \end{matrix} + \begin{matrix} 10 \\ 2 \end{matrix} + \begin{matrix} 2 \\ 2 \end{matrix} + \begin{matrix} 4 \\ 4 \end{matrix}$$

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

# Opérations Mixtes Solutions (I)

Complétez les exercices suivants

$$\begin{array}{r} -18 \\ -10 \\ \hline 8 \end{array} \quad \begin{array}{r} +5 \\ +9 \\ \hline 14 \end{array} \quad \begin{array}{r} -11 \\ -10 \\ \hline 1 \end{array} \quad \begin{array}{r} +4 \\ +1 \\ \hline 5 \end{array} \quad \begin{array}{r} +8 \\ +10 \\ \hline 18 \end{array} \quad \begin{array}{r} +8 \\ +6 \\ \hline 14 \end{array} \quad \begin{array}{r} +5 \\ +7 \\ \hline 12 \end{array} \quad \begin{array}{r} -13 \\ -6 \\ \hline 7 \end{array} \quad \begin{array}{r} -17 \\ -8 \\ \hline 9 \end{array} \quad \begin{array}{r} -3 \\ -2 \\ \hline 1 \end{array}$$
$$\begin{array}{r} +4 \\ +4 \\ \hline 8 \end{array} \quad \begin{array}{r} -15 \\ -8 \\ \hline 7 \end{array} \quad \begin{array}{r} -14 \\ -9 \\ \hline 5 \end{array} \quad \begin{array}{r} +2 \\ +8 \\ \hline 10 \end{array} \quad \begin{array}{r} +10 \\ +2 \\ \hline 12 \end{array} \quad \begin{array}{r} +7 \\ -3 \\ \hline 4 \end{array} \quad \begin{array}{r} -14 \\ -8 \\ \hline 6 \end{array} \quad \begin{array}{r} +2 \\ +6 \\ \hline 8 \end{array} \quad \begin{array}{r} +3 \\ +7 \\ \hline 10 \end{array} \quad \begin{array}{r} +4 \\ +1 \\ \hline 5 \end{array}$$
$$\begin{array}{r} -13 \\ -6 \\ \hline 7 \end{array} \quad \begin{array}{r} +7 \\ +9 \\ \hline 14 \end{array} \quad \begin{array}{r} +9 \\ +1 \\ \hline 18 \end{array} \quad \begin{array}{r} +3 \\ -1 \\ \hline 2 \end{array} \quad \begin{array}{r} +12 \\ -9 \\ \hline 3 \end{array} \quad \begin{array}{r} +3 \\ +6 \\ \hline 9 \end{array} \quad \begin{array}{r} -14 \\ -10 \\ \hline 4 \end{array} \quad \begin{array}{r} -8 \\ -3 \\ \hline 5 \end{array} \quad \begin{array}{r} +9 \\ +7 \\ \hline 16 \end{array} \quad \begin{array}{r} +6 \\ +4 \\ \hline 10 \end{array}$$
$$\begin{array}{r} -17 \\ -8 \\ \hline 9 \end{array} \quad \begin{array}{r} -11 \\ -6 \\ \hline 5 \end{array} \quad \begin{array}{r} -4 \\ +8 \\ \hline 12 \end{array} \quad \begin{array}{r} +7 \\ +8 \\ \hline 15 \end{array} \quad \begin{array}{r} -14 \\ -7 \\ \hline 7 \end{array} \quad \begin{array}{r} +2 \\ +6 \\ \hline 8 \end{array} \quad \begin{array}{r} -4 \\ -2 \\ \hline 2 \end{array} \quad \begin{array}{r} -14 \\ -8 \\ \hline 6 \end{array} \quad \begin{array}{r} -4 \\ -10 \\ \hline 3 \end{array} \quad \begin{array}{r} -6 \\ -3 \\ \hline 3 \end{array}$$
$$\begin{array}{r} -9 \\ -8 \\ \hline 1 \end{array} \quad \begin{array}{r} -8 \\ -6 \\ \hline 2 \end{array} \quad \begin{array}{r} -16 \\ -9 \\ \hline 7 \end{array} \quad \begin{array}{r} -10 \\ -9 \\ \hline 1 \end{array} \quad \begin{array}{r} +8 \\ +8 \\ \hline 16 \end{array} \quad \begin{array}{r} +2 \\ +1 \\ \hline 3 \end{array} \quad \begin{array}{r} -7 \\ -1 \\ \hline 6 \end{array} \quad \begin{array}{r} +5 \\ +8 \\ \hline 13 \end{array} \quad \begin{array}{r} -11 \\ -8 \\ \hline 3 \end{array} \quad \begin{array}{r} +2 \\ +4 \\ \hline 6 \end{array}$$
$$\begin{array}{r} +8 \\ +9 \\ \hline 17 \end{array} \quad \begin{array}{r} -11 \\ -6 \\ \hline 5 \end{array} \quad \begin{array}{r} -3 \\ +1 \\ \hline 4 \end{array} \quad \begin{array}{r} +5 \\ +10 \\ \hline 15 \end{array} \quad \begin{array}{r} -12 \\ -2 \\ \hline 10 \end{array} \quad \begin{array}{r} -14 \\ -10 \\ \hline 4 \end{array} \quad \begin{array}{r} +5 \\ +5 \\ \hline 10 \end{array} \quad \begin{array}{r} +10 \\ +3 \\ \hline 13 \end{array} \quad \begin{array}{r} +8 \\ +4 \\ \hline 12 \end{array} \quad \begin{array}{r} +2 \\ +9 \\ \hline 11 \end{array}$$
$$\begin{array}{r} +10 \\ +6 \\ \hline 16 \end{array} \quad \begin{array}{r} +9 \\ +6 \\ \hline 15 \end{array} \quad \begin{array}{r} +2 \\ +8 \\ \hline 10 \end{array} \quad \begin{array}{r} +6 \\ +1 \\ \hline 7 \end{array} \quad \begin{array}{r} +10 \\ +5 \\ \hline 15 \end{array} \quad \begin{array}{r} +17 \\ -10 \\ \hline 7 \end{array} \quad \begin{array}{r} +10 \\ -2 \\ \hline 8 \end{array} \quad \begin{array}{r} +17 \\ -10 \\ \hline 7 \end{array} \quad \begin{array}{r} +10 \\ +6 \\ \hline 16 \end{array} \quad \begin{array}{r} +2 \\ +7 \\ \hline 9 \end{array}$$
$$\begin{array}{r} -13 \\ -10 \\ \hline 3 \end{array} \quad \begin{array}{r} +6 \\ +4 \\ \hline 10 \end{array} \quad \begin{array}{r} -11 \\ -6 \\ \hline 5 \end{array} \quad \begin{array}{r} -9 \\ -5 \\ \hline 4 \end{array} \quad \begin{array}{r} -20 \\ -10 \\ \hline 10 \end{array} \quad \begin{array}{r} +8 \\ +7 \\ \hline 15 \end{array} \quad \begin{array}{r} -15 \\ -5 \\ \hline 10 \end{array} \quad \begin{array}{r} +6 \\ -5 \\ \hline 1 \end{array} \quad \begin{array}{r} +3 \\ +1 \\ \hline 4 \end{array} \quad \begin{array}{r} -10 \\ -8 \\ \hline 2 \end{array}$$
$$\begin{array}{r} +2 \\ +1 \\ \hline 3 \end{array} \quad \begin{array}{r} -12 \\ -2 \\ \hline 10 \end{array} \quad \begin{array}{r} -15 \\ -10 \\ \hline 5 \end{array} \quad \begin{array}{r} -9 \\ -6 \\ \hline 3 \end{array} \quad \begin{array}{r} -11 \\ -1 \\ \hline 10 \end{array} \quad \begin{array}{r} +6 \\ +5 \\ \hline 11 \end{array} \quad \begin{array}{r} +10 \\ +9 \\ \hline 19 \end{array} \quad \begin{array}{r} +10 \\ +2 \\ \hline 12 \end{array} \quad \begin{array}{r} +2 \\ +4 \\ \hline 8 \end{array} \quad \begin{array}{r} +4 \\ +4 \\ \hline 8 \end{array}$$
$$\begin{array}{r} +1 \\ +10 \\ \hline 11 \end{array} \quad \begin{array}{r} +5 \\ +5 \\ \hline 10 \end{array} \quad \begin{array}{r} +8 \\ +10 \\ \hline 18 \end{array} \quad \begin{array}{r} +7 \\ +7 \\ \hline 14 \end{array} \quad \begin{array}{r} +8 \\ +9 \\ \hline 17 \end{array} \quad \begin{array}{r} +8 \\ +9 \\ \hline 17 \end{array} \quad \begin{array}{r} -11 \\ -8 \\ \hline 3 \end{array} \quad \begin{array}{r} +5 \\ +1 \\ \hline 6 \end{array} \quad \begin{array}{r} +4 \\ +9 \\ \hline 13 \end{array} \quad \begin{array}{r} +8 \\ +6 \\ \hline 14 \end{array}$$