

## Opérations Mixtes (F)

## Complétez les exercices suivants

$$\begin{array}{r}
 + \quad 3 \\
 + \quad 5 \\
 \hline
 - \quad 14 \\
 - \quad 8 \\
 \hline
 - \quad 13 \\
 - \quad 9 \\
 \hline
 - \quad 7 \\
 - \quad 6 \\
 \hline
 - \quad 20 \\
 - \quad 10 \\
 \hline
 - \quad 6 \\
 - \quad 1 \\
 \hline
 + \quad 7 \\
 + \quad 3 \\
 \hline
 + \quad 9 \\
 + \quad 10 \\
 \hline
 - \quad 13 \\
 - \quad 8 \\
 \hline
 + \quad 3 \\
 + \quad 6 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \underline{-20} \\
 -10
 \end{array}
 \quad
 \begin{array}{r}
 \underline{+6} \\
 +8
 \end{array}
 \quad
 \begin{array}{r}
 \underline{+8} \\
 +4
 \end{array}
 \quad
 \begin{array}{r}
 \underline{-8} \\
 -2
 \end{array}
 \quad
 \begin{array}{r}
 \underline{+6} \\
 +1
 \end{array}
 \quad
 \begin{array}{r}
 \underline{+10} \\
 +7
 \end{array}
 \quad
 \begin{array}{r}
 \underline{+7} \\
 +7
 \end{array}
 \quad
 \begin{array}{r}
 \underline{+8} \\
 +1
 \end{array}
 \quad
 \begin{array}{r}
 \underline{+4} \\
 +7
 \end{array}
 \quad
 \begin{array}{r}
 \underline{-9} \\
 -5
 \end{array}$$

$$\begin{array}{r}
 -\frac{6}{3} \quad +\frac{10}{10} \quad +\frac{1}{2} \quad -\frac{12}{5} \quad -\frac{11}{9} \quad +\frac{3}{9} \quad -\frac{16}{10} \quad -\frac{10}{1} \quad -\frac{14}{9} \quad -\frac{16}{7}
 \end{array}$$

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

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

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

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

$$+ \frac{2}{3} - \frac{20}{10} + \frac{4}{10} - \frac{11}{8} + \frac{5}{9} + \frac{9}{9} - \frac{4}{2} + \frac{4}{7} - \frac{7}{2} + \frac{9}{3}$$

$$+ \begin{array}{r} 4 \\ 6 \end{array} - \begin{array}{r} 12 \\ 3 \end{array} + \begin{array}{r} 8 \\ 7 \end{array} - \begin{array}{r} 7 \\ 4 \end{array} + \begin{array}{r} 3 \\ 4 \end{array} - \begin{array}{r} 16 \\ 6 \end{array} + \begin{array}{r} 7 \\ 6 \end{array} + \begin{array}{r} 7 \\ 4 \end{array} - \begin{array}{r} 15 \\ 8 \end{array} - \begin{array}{r} 10 \\ 8 \end{array}$$

$$-\frac{7}{3} - \frac{6}{5} + \frac{9}{6} + \frac{5}{7} + \frac{6}{6} - \frac{11}{3} - \frac{12}{8} + \frac{4}{9} + \frac{10}{3} - \frac{10}{6}$$

# Opérations Mixtes Solutions (F)

Complétez les exercices suivants

$$\begin{array}{r}
 +\ 3 & -\ 14 & -\ 13 & -\ 7 & -\ 20 & -\ 6 & +\ 7 & -\ 9 & -\ 13 & +\ 3 \\
 +\ 5 & -\ 8 & -\ 9 & -\ 6 & -\ 10 & -\ 1 & +\ 3 & +\ 10 & -\ 8 & +\ 6 \\
 \hline
 8 & 6 & 4 & 1 & 10 & 5 & 10 & 19 & 5 & 9
 \end{array}$$
  

$$\begin{array}{r}
 -\ 20 & +\ 6 & +\ 8 & -\ 8 & +\ 6 & +\ 10 & +\ 7 & +\ 8 & +\ 4 & +\ 9 \\
 -\ 10 & +\ 8 & +\ 4 & -\ 2 & +\ 1 & +\ 7 & +\ 7 & +\ 1 & +\ 7 & -\ 5 \\
 \hline
 10 & 14 & 12 & 6 & 7 & 17 & 14 & 9 & 11 & 4
 \end{array}$$
  

$$\begin{array}{r}
 -\ 6 & +\ 10 & +\ 2 & -\ 12 & -\ 11 & +\ 3 & -\ 16 & -\ 10 & -\ 14 & -\ 16 \\
 -\ 3 & +\ 10 & +\ 3 & -\ 5 & -\ 9 & +\ 9 & -\ 10 & -\ 1 & -\ 9 & -\ 7 \\
 \hline
 3 & 20 & 3 & 7 & 2 & 12 & 6 & 9 & 5 & 9
 \end{array}$$
  

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

$$\begin{array}{r}
 -\ 13 & -\ 8 & +\ 4 & +\ 8 & -\ 10 & +\ 10 & +\ 10 & +\ 8 & +\ 7 & +\ 13 \\
 -\ 8 & -\ 5 & +\ 6 & +\ 1 & -\ 4 & +\ 9 & +\ 1 & +\ 2 & -\ 2 & -\ 9 \\
 \hline
 5 & 3 & 10 & 9 & 6 & 19 & 11 & 10 & 5 & 4
 \end{array}$$
  

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

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

$$\begin{array}{r}
 +\ 2 & -\ 20 & +\ 4 & -\ 11 & +\ 5 & +\ 9 & -\ 4 & +\ 4 & +\ 7 & +\ 9 \\
 +\ 3 & -\ 10 & +\ 10 & -\ 8 & +\ 9 & +\ 9 & -\ 2 & +\ 7 & -\ 2 & +\ 3 \\
 \hline
 5 & 10 & 14 & 3 & 14 & 18 & 2 & 11 & 5 & 12
 \end{array}$$
  

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

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