

## Opérations Mixtes (F)

## Complétez les exercices suivants

$$\begin{array}{r}
 + \quad 1 \\
 + \quad 6 \\
 \hline
 + \quad 6 \\
 + \quad 4 \\
 \hline
 - \quad 8 \\
 \times \quad 7 \\
 \hline
 + \quad 7 \\
 \times \quad 8 \\
 \hline
 \times \quad 3 \\
 \times \quad 2 \\
 \hline
 - \quad 17 \\
 - \quad 9 \\
 \hline
 + \quad 4 \\
 + \quad 7 \\
 \hline
 \times \quad 7 \\
 \times \quad 10 \\
 \hline
 - \quad 7 \\
 - \quad 1
 \end{array}$$

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

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

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

$$\times \begin{array}{r} 6 \\ 7 \end{array} + \begin{array}{r} 3 \\ 3 \end{array} + \begin{array}{r} 1 \\ 4 \end{array} - \begin{array}{r} 8 \\ 4 \end{array} \times \begin{array}{r} 10 \\ 7 \end{array} + \begin{array}{r} 5 \\ 4 \end{array} \times \begin{array}{r} 10 \\ 4 \end{array} + \begin{array}{r} 3 \\ 10 \end{array} - \begin{array}{r} 17 \\ 9 \end{array} \times \begin{array}{r} 4 \\ 7 \end{array}$$

$$+ \begin{array}{r} 2 \\ 6 \end{array} \times \begin{array}{r} 6 \\ 2 \end{array} \times \begin{array}{r} 8 \\ 10 \end{array} \times \begin{array}{r} 8 \\ 2 \end{array} - \begin{array}{r} 4 \\ 3 \end{array} + \begin{array}{r} 5 \\ 4 \end{array} + \begin{array}{r} 3 \\ 2 \end{array} \times \begin{array}{r} 7 \\ 9 \end{array} - \begin{array}{r} 16 \\ 10 \end{array} + \begin{array}{r} 8 \\ 2 \end{array}$$

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

$$= \frac{7}{5} + \frac{9}{1} \times \frac{9}{10} + \frac{2}{5} \times \frac{4}{6} = \frac{15}{7} \times \frac{10}{2} \times \frac{6}{9} = \frac{5}{3} + \frac{2}{7}$$

$$-\frac{6}{2} - \frac{6}{1} + \frac{3}{4} + \frac{9}{4} - \frac{16}{6} \times \frac{4}{10} - \frac{11}{10} \times \frac{4}{8} - \frac{4}{3} = -\frac{18}{9}$$

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

# Opérations Mixtes Solutions (F)

Complétez les exercices suivants

$$\begin{array}{r}
 + \quad 1 & \quad 6 & \quad 17 & \quad 9 & \quad 7 & \quad 3 & \quad 17 & \quad 4 & \quad 7 & \quad 7 \\
 \underline{+} \quad 6 & \underline{+} \quad 4 & \underline{-} \quad 8 & \times \quad 7 & \underline{+} \quad 8 & \times \quad 2 & \underline{-} \quad 9 & \underline{+} \quad 7 & \times \quad 10 & \underline{-} \quad 1 \\
 \hline
 7 & 10 & 9 & 63 & 15 & 6 & 8 & 11 & 70 & 6
 \end{array}$$
  

$$\begin{array}{r}
 - \quad 10 & \quad 4 & \quad 11 & \quad 9 & \quad 4 & \quad 12 & \quad 6 & \quad 8 & \quad 5 & \quad 8 \\
 \underline{-} \quad 9 & \times \quad 9 & \underline{-} \quad 4 & \underline{+} \quad 4 & \times \quad 6 & \underline{-} \quad 3 & \times \quad 7 & \times \quad 8 & \times \quad 9 & \underline{+} \quad 10 \\
 \hline
 1 & 36 & 7 & 13 & 24 & 9 & 42 & 64 & 45 & 18
 \end{array}$$
  

$$\begin{array}{r}
 + \quad 7 & \quad 14 & \quad 9 & \quad 14 & \quad 4 & \quad 6 & \quad 8 & \quad 13 & \quad 8 & \quad 6 \\
 \underline{+} \quad 3 & \underline{-} \quad 5 & \underline{+} \quad 1 & \underline{-} \quad 4 & \underline{+} \quad 7 & \underline{+} \quad 6 & \times \quad 8 & \underline{-} \quad 10 & \underline{-} \quad 6 & \times \quad 5 \\
 \hline
 10 & 9 & 10 & 10 & 11 & 12 & 64 & 3 & 2 & 30
 \end{array}$$
  

$$\begin{array}{r}
 - \quad 6 & \quad 1 & \quad 6 & \quad 9 & \quad 12 & \quad 6 & \quad 5 & \quad 7 & \quad 7 & \quad 6 \\
 \underline{-} \quad 5 & \times \quad 8 & \times \quad 5 & \times \quad 1 & \underline{-} \quad 4 & \underline{+} \quad 3 & \underline{-} \quad 1 & \underline{-} \quad 6 & \underline{-} \quad 1 & \times \quad 3 \\
 \hline
 1 & 8 & 30 & 9 & 8 & 9 & 4 & 1 & 6 & 18
 \end{array}$$
  

$$\begin{array}{r}
 \times \quad 6 & \quad 3 & \quad 1 & \quad 8 & \quad 10 & \quad 5 & \quad 10 & \quad 3 & \quad 17 & \quad 4 \\
 \times \quad 7 & \underline{+} \quad 3 & \underline{+} \quad 4 & \underline{-} \quad 4 & \times \quad 7 & \underline{+} \quad 4 & \times \quad 4 & \underline{+} \quad 10 & \underline{-} \quad 9 & \times \quad 7 \\
 \hline
 42 & 6 & 5 & 4 & 70 & 9 & 40 & 13 & 8 & 28
 \end{array}$$
  

$$\begin{array}{r}
 + \quad 2 & \quad 6 & \quad 8 & \quad 8 & \quad 4 & \quad 5 & \quad 3 & \quad 7 & \quad 16 & \quad 8 \\
 \underline{+} \quad 6 & \times \quad 2 & \times \quad 10 & \times \quad 2 & \underline{-} \quad 3 & \underline{+} \quad 4 & \underline{+} \quad 2 & \times \quad 9 & \underline{-} \quad 10 & \underline{+} \quad 2 \\
 \hline
 8 & 12 & 80 & 16 & 1 & 9 & 5 & 63 & 6 & 10
 \end{array}$$
  

$$\begin{array}{r}
 - \quad 15 & \quad 1 & \quad 8 & \quad 4 & \quad 11 & \quad 8 & \quad 13 & \quad 6 & \quad 1 & \quad 1 \\
 \underline{-} \quad 5 & \underline{+} \quad 3 & \times \quad 5 & \times \quad 4 & \underline{-} \quad 3 & \times \quad 6 & \underline{-} \quad 3 & \times \quad 6 & \underline{+} \quad 7 & \underline{+} \quad 9 \\
 \hline
 10 & 4 & 40 & 16 & 8 & 48 & 10 & 36 & 8 & 10
 \end{array}$$
  

$$\begin{array}{r}
 - \quad 7 & \quad 9 & \quad 9 & \quad 2 & \quad 4 & \quad 15 & \quad 10 & \quad 6 & \quad 5 & \quad 2 \\
 \underline{-} \quad 5 & \underline{+} \quad 1 & \times \quad 10 & \underline{+} \quad 5 & \times \quad 6 & \underline{-} \quad 7 & \times \quad 2 & \times \quad 9 & \underline{-} \quad 3 & \underline{+} \quad 7 \\
 \hline
 2 & 10 & 90 & 7 & 24 & 8 & 20 & 54 & 2 & 9
 \end{array}$$
  

$$\begin{array}{r}
 - \quad 6 & \quad 6 & \quad 3 & \quad 9 & \quad 16 & \quad 4 & \quad 11 & \quad 4 & \quad 4 & \quad 18 \\
 \underline{-} \quad 2 & \underline{-} \quad 1 & \underline{+} \quad 4 & \underline{+} \quad 4 & \underline{-} \quad 6 & \times \quad 10 & \underline{-} \quad 10 & \times \quad 8 & \underline{-} \quad 3 & \underline{-} \quad 9 \\
 \hline
 4 & 5 & 7 & 13 & 10 & 40 & 1 & 32 & 1 & 9
 \end{array}$$
  

$$\begin{array}{r}
 + \quad 2 & \quad 7 & \quad 7 & \quad 7 & \quad 2 & \quad 3 & \quad 3 & \quad 3 & \quad 6 & \quad 15 \\
 \underline{+} \quad 9 & \underline{+} \quad 9 & \times \quad 4 & \underline{+} \quad 7 & \underline{-} \quad 1 & \underline{+} \quad 5 & \underline{-} \quad 2 & \times \quad 1 & \underline{+} \quad 2 & \underline{-} \quad 6 \\
 \hline
 11 & 16 & 28 & 14 & 1 & 8 & 1 & 3 & 8 & 9
 \end{array}$$