

## Opérations Mixtes (H)

## Complétez les exercices suivants

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

$$\begin{array}{r}
 -15 \\
 -9 \\
 \hline
 -9
 \end{array}
 \quad
 \begin{array}{r}
 -8 \\
 -7 \\
 \hline
 -9
 \end{array}
 \quad
 \begin{array}{r}
 -10 \\
 -10 \\
 \hline
 -9
 \end{array}
 \quad
 \begin{array}{r}
 -17 \\
 -8 \\
 \hline
 -9
 \end{array}
 \quad
 \begin{array}{r}
 -9 \\
 -7 \\
 \hline
 -9
 \end{array}
 \quad
 \begin{array}{r}
 -18 \\
 -9 \\
 \hline
 -4
 \end{array}
 \quad
 \begin{array}{r}
 +10 \\
 +4 \\
 \hline
 +9
 \end{array}
 \quad
 \begin{array}{r}
 +4 \\
 +9 \\
 \hline
 +1
 \end{array}$$

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

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

$$-\frac{14}{10} - \frac{11}{3} + \frac{12}{12} - \frac{12}{11} + \frac{9}{1} + \frac{5}{10} + \frac{11}{2} + \frac{10}{8} - \frac{18}{7} - \frac{13}{9}$$

$$-\frac{10}{9} - \frac{9}{6} - \frac{9}{5} + \frac{5}{6} - \frac{10}{6} - \frac{7}{4} + \frac{9}{11} - \frac{12}{4} - \frac{13}{11} + \frac{1}{8}$$

$$+ \frac{1}{2} + \frac{12}{1} + \frac{5}{10} - \frac{5}{4} + \frac{11}{9} - \frac{10}{5} - \frac{12}{9} - \frac{4}{1} - \frac{17}{5} + \frac{8}{7}$$

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

$$-\frac{9}{3} - \frac{14}{3} + \frac{4}{3} - \frac{16}{6} - \frac{12}{6} + \frac{7}{11} + \frac{4}{8} + \frac{2}{3} + \frac{12}{9} - \frac{12}{8}$$

$$= \frac{16}{8} = \frac{24}{12} = \frac{21}{10} + \frac{7}{4} + \frac{6}{7} + \frac{5}{11} + \frac{7}{11} - \frac{16}{11} + \frac{12}{3} = \frac{5}{4}$$