

Opérations Mixtes (E)

Complétez les exercices suivants

$$\begin{array}{r}
 13 & 7 & 9 & 19 & 15 & 15 & 18 & 8 & 13 & 18 \\
 + 5 & - 4 & + 9 & - 12 & - 2 & - 9 & - 10 & + 4 & + 6 & - 7 \\
 \hline
\end{array}$$

$$\begin{array}{r}
 -13 & -23 & -27 & +15 & +3 & +4 & -13 & +7 & -8 & -14 \\
 -11 & -10 & -15 & +1 & +11 & +6 & -6 & +9 & -2 & -7 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 11 & 20 & 5 & 7 & 1 & 11 & 11 & 19 & 28 & 15 \\
 + 9 & - 5 & + 1 & + 1 & + 1 & + 7 & + 12 & - 15 & - 15 & - 6 \\
 \hline
\end{array}$$

$$-\frac{21}{11} - \frac{16}{7} - \frac{20}{11} + \frac{7}{7} + \frac{10}{13} - \frac{19}{9} - \frac{16}{4} - \frac{15}{5} + \frac{2}{8} + \frac{14}{13}$$

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

$$+ \frac{2}{15} + \frac{1}{7} + \frac{3}{9} - \frac{6}{2} - \frac{21}{10} - \frac{13}{2} - \frac{20}{11} + \frac{10}{14} + \frac{15}{7} + \frac{14}{6}$$

$$+ \begin{matrix} 1 \\ 12 \end{matrix} \quad + \begin{matrix} 13 \\ 5 \end{matrix} \quad + \begin{matrix} 3 \\ 9 \end{matrix} \quad + \begin{matrix} 5 \\ 6 \end{matrix} \quad - \begin{matrix} 29 \\ 14 \end{matrix} \quad - \begin{matrix} 19 \\ 15 \end{matrix} \quad - \begin{matrix} 14 \\ 5 \end{matrix} \quad - \begin{matrix} 20 \\ 9 \end{matrix} \quad - \begin{matrix} 12 \\ 10 \end{matrix} \quad + \begin{matrix} 12 \\ 12 \end{matrix}$$

$$-\frac{21}{12} - \frac{3}{2} - \frac{27}{14} - \frac{9}{8} - \frac{27}{14} - \frac{12}{7} + \frac{5}{9} - \frac{13}{11} + \frac{15}{15} - \frac{12}{4}$$

$$+ \begin{array}{r} 2 \\ 5 \end{array} + \begin{array}{r} 8 \\ 9 \end{array} + \begin{array}{r} 5 \\ 6 \end{array} + \begin{array}{r} 11 \\ 11 \end{array} + \begin{array}{r} 10 \\ 5 \end{array} - \begin{array}{r} 14 \\ 13 \end{array} + \begin{array}{r} 7 \\ 4 \end{array} - \begin{array}{r} 10 \\ 1 \end{array} - \begin{array}{r} 21 \\ 14 \end{array} + \begin{array}{r} 13 \\ 3 \end{array}$$

$$-\frac{11}{10} - \frac{25}{11} = \frac{13}{2} + \frac{4}{13} + \frac{13}{7} + \frac{12}{4} - \frac{20}{5} + \frac{6}{13} - \frac{17}{5} - \frac{24}{10}$$