

# Opérations Mixtes (I)

## Complétez les exercices suivants

$$\begin{array}{r}
 + 12 \\
 + 13 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 + 1 \\
 + 4 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 + 11 \\
 + 14 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 + 6 \\
 + 3 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 \times 14 \\
 \times 13 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 - 12 \\
 - 4 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 + 15 \\
 + 1 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 \times 11 \\
 \times 13 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 \times 10 \\
 \times 6 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 - 19 \\
 - 7 \\
 \hline
 \end{array}$$

$$+ \begin{array}{r} 8 \\ 5 \end{array} \quad - \begin{array}{r} 20 \\ 11 \end{array} \quad \times \begin{array}{r} 11 \\ 10 \end{array} \quad \times \begin{array}{r} 1 \\ 4 \end{array} \quad + \begin{array}{r} 13 \\ 14 \end{array} \quad \times \begin{array}{r} 13 \\ 10 \end{array} \quad \times \begin{array}{r} 1 \\ 8 \end{array} \quad \times \begin{array}{r} 7 \\ 1 \end{array} \quad \times \begin{array}{r} 5 \\ 3 \end{array} \quad - \begin{array}{r} 7 \\ 4 \end{array}$$

$$\times \quad 1 \quad \times \quad 9 \quad + \quad 5 \quad + \quad 11 \quad - \quad 17 \quad + \quad 9 \quad \times \quad 11 \quad + \quad 7 \quad - \quad 22 \quad \times \quad 3$$

$$-\frac{29}{14} - \frac{10}{3} \times \frac{15}{6} - \frac{13}{3} + \frac{5}{10} + \frac{14}{10} \times \frac{9}{5} + \frac{11}{15} - \frac{4}{1} - \frac{24}{15}$$

$$= \frac{7}{5} \times \frac{1}{3} + \frac{1}{9} + \frac{12}{7} \times \frac{9}{14} \times \frac{3}{7} - \frac{16}{3} + \frac{14}{11} - \frac{11}{2} \times \frac{11}{4}$$

$$-\frac{24}{12} + \frac{12}{15} + \frac{1}{2} - \frac{20}{6} - \frac{16}{14} \times \frac{7}{14} - \frac{15}{13} - \frac{23}{13} \times \frac{11}{7} + \frac{15}{4}$$

$$-\frac{25}{15} + \frac{15}{14} \times \frac{13}{5} - \frac{16}{1} \times \frac{7}{13} - \frac{19}{7} - \frac{16}{4} - \frac{13}{4} - \frac{17}{12} + \frac{2}{8}$$

$$-\frac{9}{8} \times \frac{13}{15} - \frac{18}{8} \times \frac{4}{7} - \frac{17}{13} \times \frac{12}{1} - \frac{24}{9} + \frac{5}{6} + \frac{1}{1} - \frac{17}{13}$$

$$+ \frac{12}{1} \times \frac{6}{3} + \frac{2}{1} \times \frac{9}{11} \times \frac{13}{9} - \frac{22}{7} + \frac{4}{1} \times \frac{5}{9} - \frac{13}{12} \times \frac{10}{1}$$

$$+ \begin{array}{r} 10 \\ 15 \end{array} \times \begin{array}{r} 8 \\ 14 \end{array} - \begin{array}{r} 9 \\ 1 \end{array} \times \begin{array}{r} 2 \\ 15 \end{array} \times \begin{array}{r} 2 \\ 6 \end{array} + \begin{array}{r} 13 \\ 6 \end{array} - \begin{array}{r} 22 \\ 13 \end{array} + \begin{array}{r} 11 \\ 13 \end{array} + \begin{array}{r} 2 \\ 6 \end{array} + \begin{array}{r} 15 \\ 6 \end{array}$$