

Opérations Mixtes (I)

Complétez les exercices suivants

$$\begin{array}{r}
 + \quad 9 & + \quad 12 & + \quad 11 & \times \quad 4 & \times \quad 3 & + \quad 8 & + \quad 2 & \times \quad 5 & \times \quad 12 & \times \quad 12 \\
 \underline{+ \quad 6} & \underline{+ \quad 10} & \underline{+ \quad 11} & \times \quad 3 & \times \quad 11 & + \quad 12 & + \quad 12 & \times \quad 8 & \times \quad 3 & \times \quad 8
 \end{array}$$

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

$$+ \frac{5}{7} \times \frac{12}{8} - \frac{11}{10} \times \frac{12}{10} + \frac{12}{1} + \frac{10}{5} - \frac{20}{9} + \frac{12}{8} \times \frac{11}{10} - \frac{15}{12}$$

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

$$+ \frac{12}{2} + \frac{6}{6} - \frac{19}{10} \times \frac{4}{1} \times \frac{5}{5} - \frac{12}{6} \times \frac{11}{9} - \frac{17}{6} + \frac{11}{7} + \frac{1}{9}$$

$$= \frac{10}{7} - \frac{9}{5} - \frac{11}{3} + \frac{4}{11} + \frac{3}{5} \times \frac{5}{8} - \frac{13}{2} - \frac{8}{6} \times \frac{2}{4} = \frac{9}{1}$$

$$+ \frac{7}{11} = \frac{18}{6} + \frac{7}{2} \times \frac{12}{11} \times \frac{1}{10} \times \frac{5}{7} \times \frac{4}{2} \times \frac{12}{9} - \frac{11}{4} \times \frac{7}{6}$$

$$= \frac{13}{2} + \frac{10}{4} \times \frac{9}{1} \times \frac{10}{4} = \frac{9}{8} = \frac{14}{2} = \frac{16}{12} + \frac{1}{8} \times \frac{3}{9} + \frac{11}{12}$$

$$+ \frac{6}{9} \times \frac{11}{8} \times \frac{5}{1} + \frac{1}{5} - \frac{8}{7} + \frac{11}{2} + \frac{10}{9} \times \frac{11}{12} \times \frac{12}{10} \times \frac{9}{2}$$

$$+ \frac{4}{11} + \frac{11}{9} + \frac{7}{5} \times \frac{7}{1} + \frac{11}{5} + \frac{6}{3} - \frac{3}{1} + \frac{1}{7} + \frac{10}{8} - \frac{21}{9}$$