

## Opérations Mixtes (J)

## Complétez les exercices suivants

$$\begin{array}{r}
 -\frac{4}{3} \\
 -\frac{2}{1} \\
 \times \frac{5}{5} \\
 \times \frac{7}{1} \\
 \times \frac{7}{3} \\
 \times \frac{2}{5} \\
 \times \frac{2}{4} \\
 \times \frac{3}{9} \\
 \times \frac{8}{5} \\
 -\frac{4}{3}
 \end{array}$$

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

$$-\frac{5}{4} + \frac{3}{4} + \frac{3}{4} - \frac{15}{8} + \frac{6}{3} + \frac{3}{9} \times \frac{5}{1} + \frac{3}{2} - \frac{6}{3} \times \frac{1}{7}$$

$$\begin{array}{r} \times & 9 & & 7 & & 7 & & 5 & & 3 & & 17 & & 1 & & 7 & & 10 & & 9 \\ \times & 3 & + & 5 & + & 6 & \times & 3 & \times & 9 & - & 8 & \times & 4 & - & 2 & - & 3 & - & 6 \end{array}$$

$$-\frac{10}{2} + \frac{3}{2} - \frac{11}{2} + \frac{1}{5} - \frac{13}{8} + \frac{5}{4} - \frac{13}{5} \times \frac{9}{9} + \frac{1}{9} - \frac{14}{5}$$

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

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

$$+ \begin{array}{r} 1 \\ 8 \end{array} = \begin{array}{r} 7 \\ 3 \end{array} \times \begin{array}{r} 3 \\ 5 \end{array} = \begin{array}{r} 7 \\ 1 \end{array} - \begin{array}{r} 15 \\ 9 \end{array} + \begin{array}{r} 6 \\ 9 \end{array} \times \begin{array}{r} 8 \\ 3 \end{array} = \begin{array}{r} 7 \\ 5 \end{array} - \begin{array}{r} 12 \\ 8 \end{array} + \begin{array}{r} 9 \\ 3 \end{array}$$

$$= \frac{10}{1} \times \frac{8}{5} + \frac{5}{2} \times \frac{4}{1} \times \frac{2}{7} - \frac{14}{6} \times \frac{7}{3} - \frac{10}{4} \times \frac{2}{2} \times \frac{4}{9}$$

$$-\frac{8}{5} = \frac{14}{7} \times \frac{7}{5} - \frac{9}{3} + \frac{1}{1} \times \frac{5}{6} + \frac{6}{7} \times \frac{8}{5} - \frac{9}{4} - \frac{9}{4}$$