

Opérations Mixtes (D)

Complétez les exercices suivants

$$\begin{array}{r}
 + \quad 6 & + \quad 5 & + \quad 10 & + \quad 15 & \times \quad 8 & + \quad 2 & - \quad 21 & \times \quad 9 & \times \quad 13 & - \quad 6 \\
 \hline
 7 & 13 & 12 & 4 & 5 & 10 & 10 & 12 & 3 & 4
 \end{array}$$

$$\begin{array}{r} \times \quad 11 \\ \quad 7 \\ \hline - \quad 3 \end{array} \quad \begin{array}{r} + \quad 4 \\ + \quad 3 \\ \hline \times \quad 9 \end{array} \quad \begin{array}{r} \times \quad 3 \\ \times 15 \\ \hline - \quad 5 \end{array} \quad \begin{array}{r} + \quad 2 \\ + 15 \\ \hline + \quad 6 \end{array}$$

$$-\frac{19}{14} + \frac{1}{13} - \frac{16}{7} - \frac{16}{13} - \frac{18}{7} + \frac{10}{4} \times \frac{14}{5} + \frac{15}{11} + \frac{7}{3} - \frac{18}{5}$$

$$+ \frac{11}{10} + \frac{7}{3} \times \frac{13}{11} \times \frac{9}{2} + \frac{5}{5} - \frac{11}{6} + \frac{1}{14} + \frac{7}{3} \times \frac{8}{15} \times \frac{14}{6}$$

$$+ \frac{3}{+ 3} - \frac{15}{1} \times \frac{1}{11} + \frac{6}{14} + \frac{10}{15} + \frac{3}{4} - \frac{14}{2} \times \frac{1}{3} \times \frac{6}{10} + \frac{2}{4}$$

$$\begin{array}{ccccccccccccc} & 13 & & 7 & & 15 & & 4 & & 6 & & 5 & & 5 & & 5 & & 12 & & 6 \\ \times & 1 & \times & 3 & + & 8 & - & 2 & \times & 1 & \times & 9 & + & 5 & \times & 14 & \times & 14 & \times & 7 \end{array}$$

$$\begin{array}{r} \times 11 \\ \times 10 \end{array} \quad \begin{array}{r} \times 9 \\ \times 11 \end{array} \quad \begin{array}{r} + 15 \\ + 13 \end{array} \quad \begin{array}{r} + 10 \\ + 7 \end{array} \quad \begin{array}{r} + 13 \\ + 4 \end{array} \quad \begin{array}{r} + 2 \\ + 4 \end{array} \quad \begin{array}{r} + 15 \\ + 3 \end{array} \quad \begin{array}{r} - 14 \\ - 4 \end{array} \quad \begin{array}{r} - 22 \\ - 13 \end{array} \quad \begin{array}{r} + 3 \\ + 5 \end{array}$$

$$\times \begin{array}{r} 5 \\ 12 \end{array} + \begin{array}{r} 6 \\ 5 \end{array} = \begin{array}{r} 15 \\ 7 \end{array} + \begin{array}{r} 8 \\ 6 \end{array} = \begin{array}{r} 7 \\ 4 \end{array} + \begin{array}{r} 15 \\ 13 \end{array} \times \begin{array}{r} 2 \\ 1 \end{array} + \begin{array}{r} 10 \\ 12 \end{array} + \begin{array}{r} 4 \\ 15 \end{array} = \begin{array}{r} 23 \\ 8 \end{array}$$

$$-\frac{24}{11} + \frac{8}{14} - \frac{16}{14} - \frac{16}{12} + \frac{11}{13} + \frac{8}{4} - \frac{18}{4} + \frac{12}{15} - \frac{18}{4} \times \frac{15}{13}$$

$$= \frac{14}{10} \times \frac{8}{13} = \frac{17}{7} + \frac{13}{13} = \frac{12}{8} + \frac{12}{9} \times \frac{14}{4} \times \frac{10}{3} + \frac{2}{6} \times \frac{6}{13}$$