

Opérations Mixtes (J)

Complétez les exercices suivants

$$\begin{array}{r}
 \frac{10}{-5} & \frac{12}{+16} & \frac{18}{-3} & \frac{19}{+20} & \frac{18}{+13} & \frac{3}{+17} & \frac{36}{-16} & \frac{20}{+18} & \frac{4}{+13} & \frac{2}{+13}
 \end{array}$$

$$\begin{array}{r} -18 \\ -14 \\ \hline -6 \end{array} \quad \begin{array}{r} -9 \\ -6 \\ \hline -7 \end{array} \quad \begin{array}{r} -13 \\ -7 \\ \hline +10 \end{array} \quad \begin{array}{r} 2 \\ +10 \\ \hline -4 \end{array} \quad \begin{array}{r} -10 \\ +10 \\ \hline -2 \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline 4 \end{array} \quad \begin{array}{r} 6 \\ +9 \\ \hline 15 \end{array} \quad \begin{array}{r} 17 \\ +14 \\ \hline 1 \end{array} \quad \begin{array}{r} 14 \\ -7 \\ \hline 7 \end{array}$$

$$\begin{array}{r}
 + \frac{6}{16} \quad + \frac{16}{20} \quad + \frac{9}{18} \quad + \frac{18}{17} \quad + \frac{6}{8} \quad + \frac{15}{14} \quad - \frac{21}{9} \quad + \frac{11}{16} \quad + \frac{16}{10} \quad + \frac{3}{12}
 \end{array}$$

$$\begin{array}{r}
 + 12 & - 18 & - 22 & - 32 & - 7 & + 15 & - 31 & + 9 & + 19 & + 18 \\
 + 19 & - 15 & - 5 & - 20 & - 2 & + 20 & - 16 & + 18 & + 16 & + 17
 \end{array}$$

$$-\frac{8}{5} - \frac{8}{2} + \frac{16}{16} - \frac{24}{6} + \frac{16}{1} + \frac{15}{9} + \frac{19}{13} - \frac{31}{16} - \frac{29}{16} - \frac{20}{16}$$

$$-\frac{27}{10} - \frac{27}{14} + \frac{9}{7} - \frac{13}{5} + \frac{3}{4} + \frac{16}{6} - \frac{16}{15} - \frac{8}{1} + \frac{5}{15} - \frac{6}{1}$$

$$+ \begin{matrix} 14 \\ 4 \end{matrix} + \begin{matrix} 7 \\ 1 \end{matrix} + \begin{matrix} 9 \\ 13 \end{matrix} + \begin{matrix} 17 \\ 10 \end{matrix} + \begin{matrix} 11 \\ 7 \end{matrix} - \begin{matrix} 23 \\ 12 \end{matrix} + \begin{matrix} 2 \\ 13 \end{matrix} + \begin{matrix} 11 \\ 8 \end{matrix} - \begin{matrix} 19 \\ 5 \end{matrix} - \begin{matrix} 24 \\ 17 \end{matrix}$$

$$+ \begin{array}{r} 1 \\ 9 \end{array} - \begin{array}{r} 16 \\ 12 \end{array} + \begin{array}{r} 10 \\ 10 \end{array} + \begin{array}{r} 5 \\ 15 \end{array} + \begin{array}{r} 20 \\ 18 \end{array} + \begin{array}{r} 14 \\ 10 \end{array} - \begin{array}{r} 9 \\ 5 \end{array} - \begin{array}{r} 8 \\ 1 \end{array} - \begin{array}{r} 22 \\ 2 \end{array} + \begin{array}{r} 10 \\ 14 \end{array}$$

$$-\frac{10}{2} + \frac{20}{2} - \frac{13}{5} - \frac{35}{16} + \frac{16}{18} + \frac{3}{6} + \frac{16}{4} + \frac{17}{4} + \frac{6}{2} + \frac{1}{1}$$

$$= \frac{27}{18} + \frac{13}{20} = \frac{17}{4} + \frac{11}{17} = \frac{21}{14} + \frac{5}{15} = \frac{1}{20} - \frac{30}{18} + \frac{4}{10} + \frac{14}{7}$$