

Opérations Mixtes (B)

Complétez les exercices suivants

$$\begin{array}{r}
 + 2 \\
 + 7 \\
 \hline
 - 16 \\
 - 9 \\
 \hline
 + 4 \\
 + 10 \\
 \hline
 + 4 \\
 + 1 \\
 \hline
 + 11 \\
 + 1 \\
 \hline
 - 16 \\
 - 7 \\
 \hline
 - 14 \\
 - 8 \\
 \hline
 - 19 \\
 - 7 \\
 \hline
 - 8 \\
 - 2
 \end{array}$$

$$\begin{array}{r}
 + \frac{8}{7} \\
 + \frac{11}{12} \\
 + \frac{3}{1} \\
 - \frac{14}{7} \\
 + \frac{10}{9} \\
 + \frac{3}{4} \\
 + \frac{3}{5} \\
 + \frac{8}{5} \\
 + \frac{9}{8} \\
 + \frac{3}{3}
 \end{array}$$

$$\begin{array}{r}
 + \frac{6}{2} \\
 - \frac{17}{12} \\
 + \frac{2}{7} \\
 - \frac{23}{12} \\
 + \frac{7}{6} \\
 - \frac{21}{12} \\
 = \frac{12}{3} \\
 + \frac{2}{9} \\
 - \frac{21}{9} \\
 - \frac{15}{4}
 \end{array}$$

$$-\frac{4}{2} + \frac{12}{7} + \frac{3}{10} - \frac{11}{6} - \frac{3}{2} - \frac{9}{8} + \frac{9}{5} - \frac{5}{1} + \frac{7}{5} + \frac{2}{10}$$

$$-\frac{15}{4} + \frac{7}{2} + \frac{12}{10} + \frac{6}{11} + \frac{6}{3} - \frac{10}{4} + \frac{5}{6} - \frac{3}{1} + \frac{8}{6} - \frac{13}{2}$$

$$-\frac{14}{4} + \frac{6}{8} + \frac{6}{3} - \frac{9}{7} + \frac{8}{12} - \frac{14}{8} - \frac{19}{10} - \frac{3}{2} - \frac{14}{8} - \frac{11}{9}$$

$$+ \begin{matrix} 8 & + & 1 & + & 6 & + & 12 & - & 3 & - & 13 & - & 15 & + & 2 & - & 16 & + & 11 \end{matrix}$$

$$+ \frac{1}{3} = \frac{15}{6} = \frac{5}{4} = \frac{13}{2} = \frac{12}{10} + \frac{8}{8} + \frac{11}{10} = \frac{14}{10} = \frac{18}{6} + \frac{3}{10}$$

$$+ \frac{11}{10} + \frac{11}{2} + \frac{7}{10} + \frac{1}{3} + \frac{2}{3} + \frac{2}{2} - \frac{19}{8} + \frac{4}{12} - \frac{9}{2} - \frac{17}{7}$$

$$-\frac{17}{9} + \frac{6}{5} - \frac{11}{6} - \frac{8}{3} + \frac{8}{6} + \frac{6}{8} + \frac{1}{3} + \frac{1}{4} - \frac{10}{4} + \frac{8}{1}$$

Opérations Mixtes Solutions (B)

Complétez les exercices suivants

$$\begin{array}{r}
 + 2 & - 16 & + 4 & + 6 & + 4 & + 11 & - 16 & - 14 & - 19 & - 8 \\
 + 7 & - 9 & + 9 & + 10 & + 4 & + 1 & - 7 & - 8 & - 7 & - 2 \\
 \hline
 9 & 7 & 13 & 16 & 8 & 12 & 9 & 6 & 12 & 6
 \end{array}$$

$$\begin{array}{r} + 8 \\ + 7 \\ \hline 15 \end{array} \quad \begin{array}{r} + 11 \\ + 12 \\ \hline 23 \end{array} \quad \begin{array}{r} + 3 \\ + 1 \\ \hline 4 \end{array} \quad \begin{array}{r} - 14 \\ - 7 \\ \hline 7 \end{array} \quad \begin{array}{r} + 10 \\ + 9 \\ \hline 19 \end{array} \quad \begin{array}{r} + 3 \\ + 4 \\ \hline 7 \end{array} \quad \begin{array}{r} + 3 \\ + 5 \\ \hline 8 \end{array} \quad \begin{array}{r} + 8 \\ + 5 \\ \hline 13 \end{array} \quad \begin{array}{r} + 9 \\ + 8 \\ \hline 17 \end{array} \quad \begin{array}{r} + 3 \\ + 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r}
 + & 6 & - & 17 & + & 2 & - & 23 & + & 7 & - & 21 & - & 12 & + & 2 & - & 21 & - & 15 \\
 + & 2 & - & 12 & + & 7 & - & 12 & + & 6 & - & 12 & - & 3 & + & 9 & - & 9 & - & 4 \\
 \hline
 8 & & 5 & & 9 & & 11 & & 13 & & 9 & & 9 & & 11 & & 12 & & 11
 \end{array}$$

$$\begin{array}{r}
 -\frac{4}{2} + \frac{12}{19} + \frac{3}{13} - \frac{11}{5} - \frac{3}{1} - \frac{9}{8} + \frac{9}{14} - \frac{5}{1} + \frac{7}{5} + \frac{2}{12}
 \end{array}$$

$$\begin{array}{r}
 -15 & +7 & +12 & +6 & +6 & -10 & +5 & -3 & +8 & -13 \\
 -4 & +2 & +10 & +11 & +3 & -4 & +6 & -1 & +6 & -2 \\
 \hline
 11 & 9 & 22 & 17 & 9 & 6 & 11 & 2 & 14 & 11
 \end{array}$$

$$\begin{array}{r} \frac{-14}{-4} & \frac{+6}{+8} & \frac{+6}{+3} & \frac{-9}{-7} & \frac{+8}{+12} & \frac{-14}{-8} & \frac{-19}{-10} & \frac{3}{-2} & \frac{-14}{-8} & \frac{-11}{-9} \\ \hline 10 & 14 & 9 & 2 & 20 & 6 & 9 & 1 & 6 & 9 \end{array}$$

$$\begin{array}{r}
 8 & 1 & 6 & 12 & 3 & 13 & 15 & 2 & 16 & 11 \\
 + 8 & + 2 & + 7 & + 3 & - 2 & - 5 & - 9 & + 2 & - 9 & + 4 \\
 \hline
 16 & 3 & 13 & 15 & 1 & 8 & 6 & 4 & 7 & 15
 \end{array}$$

$$\begin{array}{r}
 + \frac{1}{3} \\
 - \frac{15}{6} \\
 - \frac{5}{4} \\
 - \frac{13}{2} \\
 - \frac{12}{10} \\
 + \frac{8}{8} \\
 + \frac{11}{10} \\
 - \frac{14}{10} \\
 - \frac{18}{6} \\
 + \frac{3}{10}
 \end{array}$$

$$\begin{array}{r}
 + \frac{11}{10} \\
 + \frac{11}{2} \\
 + \frac{7}{10} \\
 + \frac{1}{3} \\
 + \frac{2}{3} \\
 + \frac{2}{2} \\
 - \frac{19}{8} \\
 + \frac{4}{12} \\
 - \frac{9}{2} \\
 - \frac{17}{7}
 \end{array}$$

$$\begin{array}{r}
 -17 \\
 -9 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 +6 \\
 +5 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 -11 \\
 -6 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 -8 \\
 -3 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 +8 \\
 +6 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 +6 \\
 +8 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 +1 \\
 +3 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 +1 \\
 +4 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 -10 \\
 -4 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 +8 \\
 +1 \\
 \hline
 \end{array}$$

8 11 5 5 14 14 4 5 0 9