

Opérations Mixtes (A)

Complétez les exercices suivants

$$\begin{array}{r}
 + \quad 4 \\
 + \quad 2 \\
 \hline
 + \quad 6 \\
 - \quad 7 \\
 \hline
 + \quad 7 \\
 + \quad 8 \\
 \hline
 + \quad 8 \\
 + \quad 7 \\
 \hline
 + \quad 8 \\
 + \quad 5 \\
 \hline
 - \quad 1 \\
 \hline
 + \quad 4 \\
 + \quad 4 \\
 \hline
 + \quad 6
 \end{array}$$

$$\begin{array}{r}
 -\frac{11}{9} \quad -\frac{17}{9} \quad +\frac{9}{9} \quad +\frac{4}{9} \quad +\frac{3}{2} \quad +\frac{5}{8} \quad -\frac{12}{9} \quad -\frac{9}{5} \quad +\frac{6}{9} \quad +\frac{4}{6}
 \end{array}$$

$$+ \frac{4}{6} - \frac{7}{3} - \frac{7}{3} - \frac{12}{6} + \frac{4}{2} + \frac{4}{6} + \frac{1}{3} - \frac{12}{9} - \frac{17}{9} - \frac{12}{9}$$

$$-\frac{16}{9} + \frac{9}{4} - \frac{15}{7} + \frac{1}{2} + \frac{4}{4} - \frac{15}{7} - \frac{11}{6} + \frac{6}{3} + \frac{2}{4} - \frac{9}{7}$$

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

$$= \frac{3}{2} - \frac{13}{4} - \frac{9}{8} + \frac{2}{7} + \frac{7}{5} + \frac{2}{5} - \frac{9}{7} + \frac{5}{5} + \frac{8}{2} - \frac{14}{6}$$

$$= \frac{9}{4} - \frac{10}{3} - \frac{5}{4} + \frac{4}{1} - \frac{8}{7} + \frac{5}{9} - \frac{2}{1} + \frac{3}{5} - \frac{11}{4} - \frac{15}{7}$$

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

$$= \frac{5}{4} = \frac{6}{1} + \frac{7}{5} = \frac{13}{4} + \frac{2}{2} + \frac{1}{8} = \frac{7}{1} + \frac{6}{7} + \frac{6}{5} = \frac{10}{8}$$

$$+ \frac{1}{6} + \frac{3}{6} - \frac{13}{4} + \frac{9}{9} + \frac{3}{4} + \frac{7}{1} - \frac{6}{2} - \frac{9}{7} + \frac{1}{5} + \frac{2}{6}$$