

Opérations Mixtes (A)

Complétez les exercices suivants

$$\begin{array}{r} \underline{- 18} \\ - 20 \\ + 15 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 10 \\ + 16 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 14 \\ \hline \end{array} \quad \begin{array}{r} 23 \\ - 13 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ - 13 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ + 9 \\ \hline \end{array} \quad \begin{array}{r} 27 \\ - 9 \\ \hline \end{array}$$

$$-\frac{21}{6} \quad -\frac{22}{7} \quad -\frac{23}{7} \quad -\frac{30}{18} \quad -\frac{39}{19} \quad +\frac{4}{11} \quad -\frac{8}{6} \quad +\frac{8}{17} \quad +\frac{17}{14} \quad +\frac{11}{4}$$

$$-\frac{19}{12} - \frac{23}{10} + \frac{19}{12} - \frac{12}{1} - \frac{23}{20} + \frac{5}{1} + \frac{17}{16} + \frac{6}{12} + \frac{3}{18} - \frac{30}{13}$$

$$+ \begin{array}{r} 5 \\ 16 \end{array} - \begin{array}{r} 29 \\ 11 \end{array} - \begin{array}{r} 33 \\ 15 \end{array} - \begin{array}{r} 24 \\ 6 \end{array} + \begin{array}{r} 7 \\ 13 \end{array} - \begin{array}{r} 30 \\ 20 \end{array} - \begin{array}{r} 22 \\ 15 \end{array} - \begin{array}{r} 34 \\ 15 \end{array} + \begin{array}{r} 18 \\ 2 \end{array} - \begin{array}{r} 25 \\ 15 \end{array}$$

$$- \frac{5}{1} + \frac{2}{12} + \frac{11}{6} + \frac{11}{6} - \frac{29}{11} - \frac{34}{14} + \frac{17}{19} + \frac{19}{7} + \frac{9}{1} + \frac{12}{14}$$

$$+ \frac{4}{11} + \frac{12}{9} - \frac{20}{5} - \frac{28}{11} - \frac{12}{11} + \frac{13}{15} - \frac{30}{17} - \frac{34}{20} + \frac{2}{11} + \frac{4}{5}$$

$$+ \begin{array}{r} 14 \\ 8 \end{array} \quad + \begin{array}{r} 16 \\ 13 \end{array} \quad + \begin{array}{r} 11 \\ 18 \end{array} \quad - \begin{array}{r} 24 \\ 6 \end{array} \quad - \begin{array}{r} 10 \\ 7 \end{array} \quad + \begin{array}{r} 11 \\ 2 \end{array} \quad - \begin{array}{r} 20 \\ 3 \end{array} \quad + \begin{array}{r} 19 \\ 9 \end{array} \quad + \begin{array}{r} 4 \\ 9 \end{array} \quad - \begin{array}{r} 23 \\ 4 \end{array}$$

$$-\frac{33}{16} = \frac{29}{12} + \frac{15}{3} + \frac{4}{3} - \frac{36}{19} + \frac{13}{10} + \frac{12}{15} + \frac{15}{18} + \frac{19}{13} + \frac{22}{5}$$

$$= \frac{11}{6} - \frac{10}{6} - \frac{20}{12} + \frac{17}{2} - \frac{27}{14} - \frac{17}{6} - \frac{22}{17} + \frac{6}{11} + \frac{2}{16} - \frac{25}{8}$$

$$-\frac{37}{20} + \frac{4}{9} + \frac{17}{6} + \frac{16}{17} - \frac{29}{16} - \frac{25}{8} - \frac{15}{4} - \frac{20}{1} + \frac{7}{6} + \frac{5}{13}$$