

Opérations Mixtes (J)

Complétez les exercices suivants

$$\begin{array}{r}
 \begin{array}{r}
 14 \\
 \times 4 \\
 \hline
 56
 \end{array}
 \quad
 \begin{array}{r}
 9 \\
 + 2 \\
 \hline
 11
 \end{array}
 \quad
 \begin{array}{r}
 9 \\
 + 10 \\
 \hline
 19
 \end{array}
 \quad
 \begin{array}{r}
 1 \\
 + 6 \\
 \hline
 7
 \end{array}
 \quad
 \begin{array}{r}
 12 \\
 - 3 \\
 \hline
 9
 \end{array}
 \quad
 \begin{array}{r}
 24 \\
 - 10 \\
 \hline
 14
 \end{array}
 \quad
 \begin{array}{r}
 14 \\
 - 3 \\
 \hline
 11
 \end{array}
 \quad
 \begin{array}{r}
 2 \\
 + 14 \\
 \hline
 16
 \end{array}
 \quad
 \begin{array}{r}
 5 \\
 \times 8 \\
 \hline
 40
 \end{array}
 \quad
 \begin{array}{r}
 5 \\
 \times 9 \\
 \hline
 45
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 -\frac{13}{9} + \frac{3}{9} - \frac{23}{11} - \frac{20}{8} - \frac{24}{10} \times \frac{13}{4} \times \frac{5}{8} \times \frac{15}{10} \times \frac{2}{1} - \frac{22}{11}
 \end{array}$$

$$+ \begin{array}{r} 9 \\ 5 \end{array} \times \begin{array}{r} 15 \\ 4 \end{array} - \begin{array}{r} 10 \\ 5 \end{array} - \begin{array}{r} 22 \\ 14 \end{array} + \begin{array}{r} 11 \\ 14 \end{array} - \begin{array}{r} 16 \\ 10 \end{array} \times \begin{array}{r} 6 \\ 13 \end{array} - \begin{array}{r} 22 \\ 12 \end{array} + \begin{array}{r} 14 \\ 15 \end{array} - \begin{array}{r} 19 \\ 7 \end{array}$$

$$+ \begin{array}{r} 9 \\ 9 \end{array} - \begin{array}{r} 14 \\ 8 \end{array} - \begin{array}{r} 19 \\ 14 \end{array} \times \begin{array}{r} 15 \\ 2 \end{array} \times \begin{array}{r} 9 \\ 5 \end{array} \times \begin{array}{r} 11 \\ 8 \end{array} + \begin{array}{r} 3 \\ 15 \end{array} \times \begin{array}{r} 14 \\ 15 \end{array} \times \begin{array}{r} 2 \\ 1 \end{array} - \begin{array}{r} 18 \\ 11 \end{array}$$

$$+ \begin{array}{r} 10 \\ 6 \end{array} + \begin{array}{r} 15 \\ 15 \end{array} \times \begin{array}{r} 10 \\ 4 \end{array} \times \begin{array}{r} 13 \\ 15 \end{array} \times \begin{array}{r} 4 \\ 15 \end{array} + \begin{array}{r} 5 \\ 9 \end{array} + \begin{array}{r} 11 \\ 1 \end{array} - \begin{array}{r} 12 \\ 9 \end{array} \times \begin{array}{r} 1 \\ 6 \end{array} \times \begin{array}{r} 2 \\ 4 \end{array}$$

$$+ \begin{array}{r} 7 \\ 15 \end{array} - \begin{array}{r} 20 \\ 13 \end{array} + \begin{array}{r} 15 \\ 10 \end{array} \times \begin{array}{r} 9 \\ 5 \end{array} - \begin{array}{r} 20 \\ 13 \end{array} \times \begin{array}{r} 3 \\ 2 \end{array} - \begin{array}{r} 17 \\ 11 \end{array} - \begin{array}{r} 18 \\ 8 \end{array} - \begin{array}{r} 24 \\ 12 \end{array} \times \begin{array}{r} 6 \\ 12 \end{array}$$

$$+ \frac{8}{15} - \frac{12}{9} - \frac{10}{7} \times \frac{7}{15} \times \frac{4}{15} \times \frac{5}{14} + \frac{8}{10} - \frac{13}{4} \times \frac{1}{14} - \frac{12}{8}$$

$$+ \frac{5}{1} = \frac{24}{14} \times \frac{6}{12} \times \frac{1}{2} - \frac{4}{1} + \frac{7}{7} \times \frac{2}{14} + \frac{12}{10} + \frac{10}{10} - \frac{8}{1}$$

$$\begin{array}{r} \times 14 \\ \times 14 \\ \hline \end{array} \quad \begin{array}{r} \times 2 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} + 6 \\ + 12 \\ \hline - 2 \end{array} \quad \begin{array}{r} = 6 \\ - 7 \\ \hline + 4 \end{array} \quad \begin{array}{r} = 10 \\ = 7 \\ \hline + 4 \end{array} \quad \begin{array}{r} \times 13 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} \times 10 \\ \times 14 \\ \hline \end{array} \quad \begin{array}{r} \times 11 \\ \times 11 \\ \hline - 4 \end{array}$$

$$+ \frac{5}{9} + \frac{5}{13} \times \frac{6}{4} + \frac{7}{2} = \frac{17}{8} + \frac{14}{3} + \frac{11}{1} - \frac{24}{14} + \frac{13}{1} = \frac{24}{14}$$

Opérations Mixtes Solutions (J)

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$\times \frac{14}{4}$	$+\frac{9}{2}$	$+\frac{9}{10}$	$+\frac{1}{6}$	$-\frac{12}{3}$	$-\frac{24}{10}$	$-\frac{14}{3}$	$+\frac{2}{14}$	$\times \frac{5}{8}$	$\times \frac{5}{9}$
$\underline{56}$	$\underline{11}$	$\underline{19}$	$\underline{7}$	$\underline{9}$	$\underline{14}$	$\underline{11}$	$\underline{16}$	$\underline{40}$	$\underline{45}$
$-\frac{13}{9}$	$+\frac{3}{9}$	$-\frac{23}{11}$	$-\frac{20}{8}$	$-\frac{24}{10}$	$\times \frac{13}{4}$	$\times \frac{5}{8}$	$\times \frac{15}{10}$	$\times \frac{2}{1}$	$-\frac{22}{11}$
$\underline{4}$	$\underline{12}$	$\underline{12}$	$\underline{12}$	$\underline{14}$	$\underline{52}$	$\underline{40}$	$\underline{150}$	$\underline{2}$	$\underline{11}$
$+\frac{9}{5}$	$\times \frac{15}{4}$	$-\frac{10}{5}$	$-\frac{22}{14}$	$+\frac{11}{14}$	$-\frac{16}{10}$	$\times \frac{6}{13}$	$-\frac{22}{12}$	$+\frac{14}{15}$	$-\frac{19}{7}$
$\underline{14}$	$\underline{60}$	$\underline{5}$	$\underline{8}$	$\underline{25}$	$\underline{6}$	$\underline{78}$	$\underline{10}$	$\underline{29}$	$\underline{12}$
$+\frac{9}{9}$	$-\frac{14}{8}$	$-\frac{19}{14}$	$\times \frac{15}{2}$	$\times \frac{9}{5}$	$\times \frac{11}{8}$	$\times \frac{3}{15}$	$\times \frac{14}{15}$	$\times \frac{2}{1}$	$-\frac{18}{11}$
$\underline{18}$	$\underline{6}$	$\underline{5}$	$\underline{30}$	$\underline{45}$	$\underline{88}$	$\underline{18}$	$\underline{210}$	$\underline{2}$	$\underline{7}$
$+\frac{10}{6}$	$+\frac{15}{15}$	$\times \frac{10}{4}$	$\times \frac{13}{15}$	$\times \frac{4}{15}$	$+\frac{5}{9}$	$+\frac{11}{1}$	$-\frac{12}{9}$	$\times \frac{1}{6}$	$\times \frac{2}{4}$
$\underline{16}$	$\underline{30}$	$\underline{40}$	$\underline{195}$	$\underline{60}$	$\underline{14}$	$\underline{12}$	$\underline{3}$	$\underline{6}$	$\underline{8}$
$+\frac{7}{15}$	$-\frac{20}{13}$	$+\frac{15}{10}$	$\times \frac{9}{5}$	$-\frac{20}{13}$	$\times \frac{3}{2}$	$-\frac{17}{11}$	$-\frac{18}{8}$	$-\frac{24}{12}$	$\times \frac{6}{12}$
$\underline{22}$	$\underline{7}$	$\underline{25}$	$\underline{45}$	$\underline{7}$	$\underline{6}$	$\underline{6}$	$\underline{10}$	$\underline{12}$	$\underline{72}$
$+\frac{8}{15}$	$-\frac{12}{9}$	$-\frac{10}{7}$	$\times \frac{7}{15}$	$\times \frac{4}{15}$	$\times \frac{5}{14}$	$\times \frac{8}{10}$	$-\frac{13}{4}$	$\times \frac{1}{14}$	$-\frac{12}{8}$
$\underline{23}$	$\underline{3}$	$\underline{3}$	$\underline{105}$	$\underline{60}$	$\underline{70}$	$\underline{18}$	$\underline{9}$	$\underline{14}$	$\underline{4}$
$+\frac{5}{1}$	$-\frac{24}{14}$	$\times \frac{6}{12}$	$\times \frac{1}{2}$	$-\frac{4}{1}$	$+\frac{7}{14}$	$\times \frac{2}{14}$	$+\frac{12}{10}$	$+\frac{10}{10}$	$-\frac{8}{1}$
$\underline{6}$	$\underline{10}$	$\underline{72}$	$\underline{2}$	$\underline{3}$	$\underline{14}$	$\underline{28}$	$\underline{22}$	$\underline{20}$	$\underline{7}$
$\times \frac{14}{14}$	$\times \frac{2}{11}$	$+\frac{6}{12}$	$-\frac{6}{2}$	$-\frac{10}{7}$	$+\frac{1}{4}$	$\times \frac{13}{5}$	$\times \frac{10}{14}$	$\times \frac{11}{11}$	$-\frac{17}{4}$
$\underline{196}$	$\underline{22}$	$\underline{18}$	$\underline{4}$	$\underline{3}$	$\underline{5}$	$\underline{65}$	$\underline{140}$	$\underline{121}$	$\underline{13}$
$+\frac{5}{9}$	$+\frac{5}{13}$	$\times \frac{6}{4}$	$+\frac{7}{2}$	$-\frac{17}{8}$	$+\frac{14}{3}$	$+\frac{11}{1}$	$-\frac{24}{14}$	$+\frac{13}{1}$	$-\frac{24}{14}$
$\underline{14}$	$\underline{18}$	$\underline{24}$	$\underline{9}$	$\underline{9}$	$\underline{17}$	$\underline{12}$	$\underline{10}$	$\underline{14}$	$\underline{10}$