

Opérations Mixtes (A)

Effectuez chaque opération.

$$\times \frac{5}{9} \times \frac{9}{14} \times \frac{4}{9} \times \frac{2}{9} \times \frac{15}{9} \div \frac{171}{9} \div \frac{153}{9} \div \frac{135}{9} \div \frac{27}{9} \div \frac{18}{9}$$

$$\times \frac{9}{3} \times \frac{9}{18} \times \frac{9}{10} \div \frac{153}{9} \div \frac{27}{9} \div \frac{9}{9} \div \frac{90}{9} \div \frac{126}{9} \div \frac{63}{9} \div \frac{153}{9}$$

$$\times \frac{9}{16} \times \frac{9}{18} \times \frac{11}{9} \div \frac{9}{9} \div \frac{9}{9} \div \frac{27}{9} \div \frac{9}{9} \times \frac{9}{1} \div \frac{117}{9} \div \frac{153}{9}$$

$$\div \frac{117}{9} \times \frac{12}{9} \times \frac{8}{9} \div \frac{99}{9} \div \frac{99}{9} \div \frac{45}{9} \times \frac{9}{12} \times \frac{3}{9} \times \frac{12}{9} \times \frac{9}{16}$$

$$\times \frac{16}{9} \times \frac{9}{12} \times \frac{9}{5} \times \frac{20}{9} \times \frac{9}{9} \div \frac{126}{9} \times \frac{10}{9} \div \frac{36}{9} \div \frac{81}{9} \div \frac{171}{9}$$

$$\times \frac{11}{9} \div \frac{72}{9} \times \frac{3}{9} \times \frac{14}{9} \times \frac{7}{9} \times \frac{9}{6} \times \frac{9}{9} \times \frac{18}{9} \div \frac{153}{9} \div \frac{99}{9}$$

$$\times \frac{9}{11} \times \frac{9}{9} \div \frac{144}{9} \div \frac{135}{9} \times \frac{20}{9} \times \frac{7}{9} \times \frac{9}{16} \times \frac{5}{9} \times \frac{9}{16} \div \frac{99}{9}$$

$$\times \frac{9}{10} \div \frac{171}{9} \div \frac{108}{9} \times \frac{9}{14} \div \frac{153}{9} \times \frac{18}{9} \times \frac{9}{20} \div \frac{180}{9} \div \frac{171}{9} \div \frac{180}{9}$$

$$\times \frac{9}{20} \div \frac{90}{9} \times \frac{20}{9} \div \frac{162}{9} \times \frac{17}{9} \times \frac{16}{9} \div \frac{63}{9} \div \frac{18}{9} \div \frac{9}{9} \times \frac{9}{6}$$

$$\div \frac{45}{9} \times \frac{9}{5} \times \frac{9}{16} \times \frac{1}{9} \times \frac{3}{9} \div \frac{27}{9} \div \frac{27}{9} \times \frac{9}{4} \div \frac{9}{9} \times \frac{8}{9}$$

Opérations Mixtes Solutions (A)

Effectuez chaque opération.

$\times \frac{5}{9}$	$\times \frac{9}{14}$	$\times \frac{4}{9}$	$\times \frac{2}{9}$	$\times \frac{15}{9}$	$\div \frac{171}{9}$	$\div \frac{153}{9}$	$\div \frac{135}{9}$	$\div \frac{27}{9}$	$\div \frac{18}{9}$
45	126	36	18	135	19	17	15	3	2
$\times \frac{9}{3}$	$\times \frac{9}{18}$	$\times \frac{9}{10}$	$\div \frac{153}{9}$	$\div \frac{27}{9}$	$\div \frac{9}{9}$	$\div \frac{90}{9}$	$\div \frac{126}{9}$	$\div \frac{63}{9}$	$\div \frac{153}{9}$
27	162	90	17	3	1	10	14	7	17
$\times \frac{9}{16}$	$\times \frac{9}{18}$	$\times \frac{11}{9}$	$\div \frac{9}{9}$	$\div \frac{9}{9}$	$\div \frac{27}{9}$	$\div \frac{9}{9}$	$\times \frac{9}{1}$	$\div \frac{117}{9}$	$\div \frac{153}{9}$
144	162	99	1	1	3	1	9	13	17
$\div \frac{117}{9}$	$\times \frac{12}{9}$	$\times \frac{8}{9}$	$\div \frac{99}{9}$	$\div \frac{99}{9}$	$\div \frac{45}{9}$	$\times \frac{9}{12}$	$\times \frac{3}{9}$	$\times \frac{12}{9}$	$\times \frac{9}{16}$
13	108	72	11	11	5	108	27	108	144
$\times \frac{16}{9}$	$\times \frac{9}{12}$	$\times \frac{9}{5}$	$\times \frac{20}{9}$	$\times \frac{9}{9}$	$\div \frac{126}{9}$	$\times \frac{10}{9}$	$\div \frac{36}{9}$	$\div \frac{81}{9}$	$\div \frac{171}{9}$
144	108	45	180	81	14	90	4	9	19
$\times \frac{11}{9}$	$\div \frac{72}{9}$	$\times \frac{3}{9}$	$\times \frac{14}{9}$	$\times \frac{7}{9}$	$\times \frac{9}{6}$	$\times \frac{9}{9}$	$\times \frac{18}{9}$	$\div \frac{153}{9}$	$\div \frac{99}{9}$
99	8	27	126	63	54	81	162	17	11
$\times \frac{9}{11}$	$\times \frac{9}{9}$	$\div \frac{144}{9}$	$\div \frac{135}{9}$	$\times \frac{20}{9}$	$\times \frac{7}{9}$	$\times \frac{9}{16}$	$\times \frac{5}{9}$	$\times \frac{9}{16}$	$\div \frac{99}{9}$
99	81	16	15	180	63	144	45	144	11
$\times \frac{9}{10}$	$\div \frac{171}{9}$	$\div \frac{108}{9}$	$\times \frac{9}{14}$	$\div \frac{153}{9}$	$\times \frac{18}{9}$	$\times \frac{9}{20}$	$\div \frac{180}{9}$	$\div \frac{171}{9}$	$\div \frac{180}{9}$
90	19	12	126	17	162	180	20	19	20
$\times \frac{9}{20}$	$\div \frac{90}{9}$	$\times \frac{20}{9}$	$\div \frac{162}{9}$	$\times \frac{17}{9}$	$\times \frac{16}{9}$	$\div \frac{63}{9}$	$\div \frac{18}{9}$	$\div \frac{9}{9}$	$\times \frac{9}{6}$
180	10	180	18	153	144	7	2	1	54
$\div \frac{45}{9}$	$\times \frac{9}{5}$	$\times \frac{9}{16}$	$\times \frac{1}{9}$	$\times \frac{3}{9}$	$\div \frac{27}{9}$	$\div \frac{27}{9}$	$\times \frac{9}{4}$	$\div \frac{9}{9}$	$\times \frac{8}{9}$
5	45	144	9	27	3	3	36	1	72

Opérations Mixtes (B)

Effectuez chaque opération.

$$\times \frac{6}{9} \div \frac{117}{9} \div \frac{171}{9} \times \frac{14}{9} \div \frac{135}{9} \div \frac{108}{9} \div \frac{63}{9} \div \frac{117}{9} \times \frac{16}{9} \times \frac{9}{6}$$

$$\div \frac{9}{9} \div \frac{135}{9} \times \frac{9}{3} \div \frac{180}{9} \div \frac{153}{9} \times \frac{13}{9} \div \frac{36}{9} \div \frac{81}{9} \div \frac{36}{9} \div \frac{18}{9}$$

$$\div \frac{72}{9} \div \frac{117}{9} \times \frac{9}{19} \div \frac{81}{9} \div \frac{45}{9} \times \frac{9}{2} \times \frac{9}{3} \times \frac{1}{9} \div \frac{90}{9} \div \frac{99}{9}$$

$$\times \frac{5}{9} \div \frac{18}{9} \times \frac{9}{18} \div \frac{153}{9} \times \frac{18}{9} \times \frac{12}{9} \div \frac{90}{9} \div \frac{27}{9} \div \frac{72}{9} \div \frac{126}{9}$$

$$\div \frac{81}{9} \div \frac{81}{9} \times \frac{9}{1} \times \frac{9}{4} \div \frac{99}{9} \div \frac{144}{9} \div \frac{63}{9} \times \frac{9}{5} \div \frac{27}{9} \times \frac{9}{2}$$

$$\div \frac{108}{9} \div \frac{153}{9} \div \frac{90}{9} \times \frac{8}{9} \times \frac{9}{1} \div \frac{27}{9} \times \frac{9}{16} \div \frac{117}{9} \times \frac{9}{13} \times \frac{9}{5}$$

$$\div \frac{45}{9} \div \frac{117}{9} \times \frac{13}{9} \div \frac{162}{9} \times \frac{13}{9} \div \frac{63}{9} \div \frac{27}{9} \div \frac{108}{9} \times \frac{9}{9} \times \frac{8}{9}$$

$$\times \frac{9}{2} \div \frac{135}{9} \times \frac{9}{2} \times \frac{9}{7} \times \frac{12}{9} \div \frac{27}{9} \times \frac{14}{9} \times \frac{7}{9} \times \frac{17}{9} \times \frac{9}{8}$$

$$\div \frac{45}{9} \div \frac{54}{9} \times \frac{20}{9} \div \frac{99}{9} \times \frac{9}{8} \times \frac{8}{9} \div \frac{108}{9} \div \frac{171}{9} \times \frac{3}{9} \div \frac{108}{9}$$

$$\times \frac{18}{9} \times \frac{9}{10} \div \frac{171}{9} \div \frac{36}{9} \div \frac{18}{9} \div \frac{171}{9} \div \frac{90}{9} \div \frac{117}{9} \div \frac{162}{9} \times \frac{9}{6}$$

Opérations Mixtes Solutions (B)

Effectuez chaque opération.

$\times \frac{6}{9}$	$\div \frac{117}{9}$	$\div \frac{171}{9}$	$\times \frac{14}{9}$	$\div \frac{135}{9}$	$\div \frac{108}{9}$	$\div \frac{63}{9}$	$\div \frac{117}{9}$	$\times \frac{16}{9}$	$\times \frac{9}{6}$
54	13	19	126	15	12	7	13	144	54
$\div \frac{9}{9}$	$\div \frac{135}{9}$	$\times \frac{9}{3}$	$\div \frac{180}{9}$	$\div \frac{153}{9}$	$\times \frac{13}{9}$	$\div \frac{36}{9}$	$\div \frac{81}{9}$	$\div \frac{36}{9}$	$\div \frac{18}{9}$
1	15	27	20	17	117	4	9	4	2
$\div \frac{72}{9}$	$\div \frac{117}{9}$	$\times \frac{9}{19}$	$\div \frac{81}{9}$	$\div \frac{45}{9}$	$\times \frac{9}{2}$	$\times \frac{9}{3}$	$\times \frac{1}{9}$	$\div \frac{90}{9}$	$\div \frac{99}{9}$
8	13	171	9	5	18	27	9	10	11
$\times \frac{5}{9}$	$\div \frac{18}{9}$	$\times \frac{9}{18}$	$\div \frac{153}{9}$	$\times \frac{18}{9}$	$\times \frac{12}{9}$	$\div \frac{90}{9}$	$\div \frac{27}{9}$	$\div \frac{72}{9}$	$\div \frac{126}{9}$
45	2	162	17	162	108	10	3	8	14
$\div \frac{81}{9}$	$\div \frac{81}{9}$	$\times \frac{9}{1}$	$\times \frac{9}{4}$	$\div \frac{99}{9}$	$\div \frac{144}{9}$	$\div \frac{63}{9}$	$\times \frac{9}{5}$	$\div \frac{27}{9}$	$\times \frac{9}{2}$
9	9	9	36	11	16	7	45	3	18
$\div \frac{108}{9}$	$\div \frac{153}{9}$	$\div \frac{90}{9}$	$\times \frac{8}{9}$	$\times \frac{9}{1}$	$\div \frac{27}{9}$	$\times \frac{9}{16}$	$\div \frac{117}{9}$	$\times \frac{9}{13}$	$\times \frac{9}{5}$
12	17	10	72	9	3	144	13	117	45
$\div \frac{45}{9}$	$\div \frac{117}{9}$	$\times \frac{13}{9}$	$\div \frac{162}{9}$	$\times \frac{13}{9}$	$\div \frac{63}{9}$	$\div \frac{27}{9}$	$\div \frac{108}{9}$	$\times \frac{9}{9}$	$\times \frac{8}{9}$
5	13	117	18	117	7	3	12	81	72
$\times \frac{9}{2}$	$\div \frac{135}{9}$	$\times \frac{9}{2}$	$\times \frac{9}{7}$	$\times \frac{12}{9}$	$\div \frac{27}{9}$	$\times \frac{14}{9}$	$\times \frac{7}{9}$	$\times \frac{17}{9}$	$\times \frac{9}{8}$
18	15	18	63	108	3	126	63	153	72
$\div \frac{45}{9}$	$\div \frac{54}{9}$	$\times \frac{20}{9}$	$\div \frac{99}{9}$	$\times \frac{9}{8}$	$\times \frac{8}{9}$	$\div \frac{108}{9}$	$\div \frac{171}{9}$	$\times \frac{3}{9}$	$\div \frac{108}{9}$
5	6	180	11	72	72	12	19	27	12
$\times \frac{18}{9}$	$\times \frac{9}{10}$	$\div \frac{171}{9}$	$\div \frac{36}{9}$	$\div \frac{18}{9}$	$\div \frac{171}{9}$	$\div \frac{90}{9}$	$\div \frac{117}{9}$	$\div \frac{162}{9}$	$\times \frac{9}{6}$
162	90	19	4	2	19	10	13	18	54

Opérations Mixtes (C)

Effectuez chaque opération.

$$\div \frac{117}{9} \div \frac{81}{9} \times \frac{13}{9} \times \frac{2}{9} \div \frac{144}{9} \div \frac{18}{9} \div \frac{99}{9} \times \frac{9}{13} \div \frac{126}{9} \div \frac{27}{9}$$

$$\div \frac{45}{9} \times \frac{9}{7} \times \frac{9}{8} \div \frac{162}{9} \div \frac{27}{9} \div \frac{72}{9} \times \frac{9}{19} \times \frac{9}{7} \times \frac{9}{12} \div \frac{153}{9}$$

$$\times \frac{14}{9} \times \frac{9}{13} \times \frac{19}{9} \times \frac{9}{10} \div \frac{45}{9} \times \frac{9}{16} \div \frac{126}{9} \times \frac{1}{9} \times \frac{9}{19} \times \frac{9}{15}$$

$$\div \frac{153}{9} \div \frac{144}{9} \times \frac{18}{9} \times \frac{9}{17} \div \frac{54}{9} \times \frac{9}{14} \div \frac{180}{9} \div \frac{72}{9} \times \frac{9}{9} \div \frac{126}{9}$$

$$\times \frac{5}{9} \times \frac{9}{19} \div \frac{63}{9} \times \frac{9}{9} \div \frac{9}{9} \div \frac{18}{9} \div \frac{90}{9} \div \frac{81}{9} \times \frac{9}{2} \times \frac{9}{19}$$

$$\times \frac{15}{9} \div \frac{36}{9} \div \frac{27}{9} \times \frac{9}{2} \times \frac{10}{9} \times \frac{1}{9} \div \frac{9}{9} \times \frac{13}{9} \div \frac{135}{9} \div \frac{18}{9}$$

$$\times \frac{18}{9} \times \frac{7}{9} \div \frac{153}{9} \div \frac{180}{9} \div \frac{135}{9} \div \frac{117}{9} \times \frac{6}{9} \times \frac{9}{5} \div \frac{162}{9} \div \frac{153}{9}$$

$$\div \frac{117}{9} \times \frac{14}{9} \times \frac{9}{11} \times \frac{9}{4} \times \frac{4}{9} \times \frac{20}{9} \times \frac{9}{19} \div \frac{18}{9} \div \frac{180}{9} \div \frac{18}{9}$$

$$\div \frac{171}{9} \times \frac{5}{9} \times \frac{1}{9} \div \frac{144}{9} \div \frac{72}{9} \times \frac{2}{9} \div \frac{90}{9} \times \frac{9}{3} \times \frac{9}{9} \times \frac{4}{9}$$

$$\times \frac{9}{12} \div \frac{144}{9} \times \frac{9}{7} \times \frac{20}{9} \div \frac{162}{9} \times \frac{9}{18} \times \frac{10}{9} \times \frac{15}{9} \div \frac{9}{9} \times \frac{9}{3}$$

Opérations Mixtes Solutions (C)

Effectuez chaque opération.

$$\begin{array}{r} 117 \\ \div 9 \\ \hline 13 \end{array} \div \begin{array}{r} 81 \\ \div 9 \\ \hline 9 \end{array} \times \begin{array}{r} 13 \\ \times 9 \\ \hline 117 \end{array} \times \begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array} \div \begin{array}{r} 144 \\ \div 9 \\ \hline 16 \end{array} \div \begin{array}{r} 18 \\ \div 9 \\ \hline 2 \end{array} \div \begin{array}{r} 99 \\ \div 9 \\ \hline 11 \end{array} \times \begin{array}{r} 9 \\ \times 13 \\ \hline 117 \end{array} \div \begin{array}{r} 126 \\ \div 9 \\ \hline 14 \end{array} \div \begin{array}{r} 27 \\ \div 9 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 45 \\ \div 9 \\ \hline 5 \end{array} \times \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \times \begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array} \div \begin{array}{r} 162 \\ \div 9 \\ \hline 18 \end{array} \div \begin{array}{r} 27 \\ \div 9 \\ \hline 3 \end{array} \div \begin{array}{r} 72 \\ \div 9 \\ \hline 8 \end{array} \times \begin{array}{r} 9 \\ \times 19 \\ \hline 171 \end{array} \times \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \times \begin{array}{r} 9 \\ \times 12 \\ \hline 108 \end{array} \div \begin{array}{r} 153 \\ \div 9 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 14 \\ \times 9 \\ \hline 126 \end{array} \times \begin{array}{r} 9 \\ \times 13 \\ \hline 117 \end{array} \times \begin{array}{r} 19 \\ \times 9 \\ \hline 171 \end{array} \times \begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array} \div \begin{array}{r} 45 \\ \div 9 \\ \hline 5 \end{array} \times \begin{array}{r} 9 \\ \times 16 \\ \hline 144 \end{array} \div \begin{array}{r} 126 \\ \div 9 \\ \hline 14 \end{array} \times \begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array} \times \begin{array}{r} 9 \\ \times 19 \\ \hline 171 \end{array} \times \begin{array}{r} 9 \\ \times 15 \\ \hline 135 \end{array}$$

$$\begin{array}{r} 153 \\ \div 9 \\ \hline 17 \end{array} \div \begin{array}{r} 144 \\ \div 9 \\ \hline 16 \end{array} \times \begin{array}{r} 18 \\ \times 9 \\ \hline 162 \end{array} \times \begin{array}{r} 9 \\ \times 17 \\ \hline 153 \end{array} \div \begin{array}{r} 54 \\ \div 9 \\ \hline 6 \end{array} \times \begin{array}{r} 9 \\ \times 14 \\ \hline 126 \end{array} \div \begin{array}{r} 180 \\ \div 9 \\ \hline 20 \end{array} \div \begin{array}{r} 72 \\ \div 9 \\ \hline 8 \end{array} \times \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \div \begin{array}{r} 126 \\ \div 9 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array} \times \begin{array}{r} 9 \\ \times 19 \\ \hline 171 \end{array} \div \begin{array}{r} 63 \\ \div 9 \\ \hline 7 \end{array} \times \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \div \begin{array}{r} 9 \\ \div 9 \\ \hline 1 \end{array} \div \begin{array}{r} 18 \\ \div 9 \\ \hline 2 \end{array} \div \begin{array}{r} 90 \\ \div 9 \\ \hline 10 \end{array} \div \begin{array}{r} 81 \\ \div 9 \\ \hline 9 \end{array} \times \begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array} \times \begin{array}{r} 9 \\ \times 19 \\ \hline 171 \end{array}$$

$$\begin{array}{r} 15 \\ \times 9 \\ \hline 135 \end{array} \div \begin{array}{r} 36 \\ \div 9 \\ \hline 4 \end{array} \div \begin{array}{r} 27 \\ \div 9 \\ \hline 3 \end{array} \times \begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array} \times \begin{array}{r} 10 \\ \times 9 \\ \hline 90 \end{array} \times \begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array} \div \begin{array}{r} 9 \\ \div 9 \\ \hline 1 \end{array} \times \begin{array}{r} 13 \\ \times 9 \\ \hline 117 \end{array} \div \begin{array}{r} 135 \\ \div 9 \\ \hline 15 \end{array} \div \begin{array}{r} 18 \\ \div 9 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 18 \\ \times 9 \\ \hline 162 \end{array} \times \begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array} \div \begin{array}{r} 153 \\ \div 9 \\ \hline 17 \end{array} \div \begin{array}{r} 180 \\ \div 9 \\ \hline 20 \end{array} \div \begin{array}{r} 135 \\ \div 9 \\ \hline 15 \end{array} \div \begin{array}{r} 117 \\ \div 9 \\ \hline 13 \end{array} \times \begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array} \times \begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array} \div \begin{array}{r} 162 \\ \div 9 \\ \hline 18 \end{array} \div \begin{array}{r} 153 \\ \div 9 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 117 \\ \div 9 \\ \hline 13 \end{array} \times \begin{array}{r} 14 \\ \times 9 \\ \hline 126 \end{array} \times \begin{array}{r} 9 \\ \times 11 \\ \hline 99 \end{array} \times \begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array} \times \begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array} \times \begin{array}{r} 20 \\ \times 9 \\ \hline 180 \end{array} \times \begin{array}{r} 9 \\ \times 19 \\ \hline 171 \end{array} \div \begin{array}{r} 18 \\ \div 9 \\ \hline 2 \end{array} \div \begin{array}{r} 180 \\ \div 9 \\ \hline 20 \end{array} \div \begin{array}{r} 18 \\ \div 9 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 171 \\ \div 9 \\ \hline 19 \end{array} \times \begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array} \times \begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array} \div \begin{array}{r} 144 \\ \div 9 \\ \hline 16 \end{array} \div \begin{array}{r} 72 \\ \div 9 \\ \hline 8 \end{array} \times \begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array} \div \begin{array}{r} 90 \\ \div 9 \\ \hline 10 \end{array} \times \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array} \times \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \times \begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 9 \\ \times 12 \\ \hline 108 \end{array} \div \begin{array}{r} 144 \\ \div 9 \\ \hline 16 \end{array} \times \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \times \begin{array}{r} 20 \\ \times 9 \\ \hline 180 \end{array} \div \begin{array}{r} 162 \\ \div 9 \\ \hline 18 \end{array} \times \begin{array}{r} 9 \\ \times 18 \\ \hline 162 \end{array} \times \begin{array}{r} 10 \\ \times 9 \\ \hline 90 \end{array} \times \begin{array}{r} 15 \\ \times 9 \\ \hline 135 \end{array} \div \begin{array}{r} 9 \\ \div 9 \\ \hline 1 \end{array} \times \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$$

Opérations Mixtes (D)

Effectuez chaque opération.

$$\div \frac{18}{9} \div \frac{18}{9} \times \frac{9}{16} \times \frac{9}{9} \div \frac{144}{9} \times \frac{8}{9} \times \frac{9}{13} \times \frac{9}{14} \div \frac{126}{9} \div \frac{171}{9}$$

$$\div \frac{63}{9} \div \frac{144}{9} \div \frac{144}{9} \div \frac{54}{9} \div \frac{99}{9} \div \frac{18}{9} \times \frac{17}{9} \times \frac{9}{11} \times \frac{9}{9} \times \frac{20}{9}$$

$$\div \frac{180}{9} \times \frac{9}{14} \times \frac{9}{13} \times \frac{9}{18} \times \frac{4}{9} \times \frac{9}{16} \times \frac{9}{20} \times \frac{9}{2} \div \frac{144}{9} \times \frac{9}{7}$$

$$\div \frac{81}{9} \times \frac{13}{9} \times \frac{9}{16} \div \frac{126}{9} \times \frac{9}{17} \div \frac{54}{9} \times \frac{6}{9} \times \frac{3}{9} \times \frac{9}{2} \times \frac{9}{8}$$

$$\div \frac{180}{9} \times \frac{9}{9} \times \frac{9}{17} \times \frac{9}{7} \div \frac{72}{9} \times \frac{16}{9} \div \frac{90}{9} \times \frac{7}{9} \div \frac{63}{9} \div \frac{171}{9}$$

$$\times \frac{9}{10} \div \frac{99}{9} \div \frac{144}{9} \div \frac{171}{9} \div \frac{9}{9} \times \frac{9}{7} \div \frac{153}{9} \times \frac{9}{14} \div \frac{117}{9} \div \frac{81}{9}$$

$$\div \frac{162}{9} \times \frac{9}{4} \times \frac{2}{9} \times \frac{8}{9} \div \frac{36}{9} \times \frac{9}{8} \times \frac{9}{17} \times \frac{7}{9} \div \frac{27}{9} \div \frac{135}{9}$$

$$\div \frac{171}{9} \div \frac{117}{9} \div \frac{153}{9} \div \frac{63}{9} \div \frac{36}{9} \times \frac{9}{6} \div \frac{45}{9} \times \frac{9}{16} \div \frac{117}{9} \times \frac{9}{12}$$

$$\div \frac{126}{9} \div \frac{18}{9} \div \frac{36}{9} \div \frac{9}{9} \div \frac{36}{9} \div \frac{63}{9} \div \frac{45}{9} \times \frac{9}{9} \div \frac{27}{9} \div \frac{144}{9}$$

$$\div \frac{171}{9} \div \frac{36}{9} \times \frac{9}{10} \div \frac{108}{9} \times \frac{14}{9} \div \frac{90}{9} \div \frac{27}{9} \div \frac{81}{9} \div \frac{27}{9} \div \frac{45}{9}$$

Opérations Mixtes (E)

Effectuez chaque opération.

$$\times \frac{18}{9} \times \frac{9}{2} \times \frac{9}{15} \times \frac{3}{9} \times \frac{20}{9} \div \frac{54}{9} \div \frac{135}{9} \div \frac{126}{9} \times \frac{15}{9} \div \frac{126}{9}$$

$$\times \frac{9}{7} \times \frac{8}{9} \times \frac{9}{12} \times \frac{9}{11} \times \frac{9}{10} \div \frac{117}{9} \div \frac{9}{9} \times \frac{2}{9} \times \frac{19}{9} \times \frac{4}{9}$$

$$\div \frac{180}{9} \times \frac{7}{9} \div \frac{63}{9} \div \frac{162}{9} \div \frac{153}{9} \times \frac{9}{2} \div \frac{54}{9} \times \frac{14}{9} \div \frac{117}{9} \div \frac{99}{9}$$

$$\div \frac{153}{9} \times \frac{9}{11} \times \frac{9}{17} \times \frac{9}{10} \times \frac{20}{9} \times \frac{12}{9} \div \frac{108}{9} \times \frac{4}{9} \div \frac{144}{9} \times \frac{7}{9}$$

$$\div \frac{27}{9} \div \frac{72}{9} \div \frac{63}{9} \div \frac{45}{9} \times \frac{14}{9} \times \frac{10}{9} \div \frac{135}{9} \div \frac{108}{9} \times \frac{9}{7} \div \frac{36}{9}$$

$$\div \frac{108}{9} \times \frac{3}{9} \div \frac{108}{9} \times \frac{9}{19} \times \frac{9}{13} \times \frac{7}{9} \times \frac{9}{2} \div \frac{126}{9} \div \frac{144}{9} \times \frac{8}{9}$$

$$\times \frac{10}{9} \div \frac{9}{9} \div \frac{9}{9} \times \frac{8}{9} \times \frac{2}{9} \times \frac{9}{18} \div \frac{18}{9} \div \frac{81}{9} \times \frac{17}{9} \times \frac{8}{9}$$

$$\times \frac{13}{9} \times \frac{2}{9} \times \frac{9}{15} \times \frac{10}{9} \div \frac{27}{9} \div \frac{99}{9} \times \frac{6}{9} \times \frac{14}{9} \times \frac{9}{10} \div \frac{99}{9}$$

$$\div \frac{9}{9} \times \frac{9}{10} \times \frac{9}{6} \div \frac{72}{9} \div \frac{9}{9} \div \frac{72}{9} \div \frac{135}{9} \div \frac{99}{9} \div \frac{171}{9} \times \frac{11}{9}$$

$$\times \frac{13}{9} \times \frac{9}{2} \div \frac{27}{9} \div \frac{45}{9} \div \frac{144}{9} \div \frac{90}{9} \times \frac{2}{9} \div \frac{117}{9} \times \frac{4}{9} \times \frac{7}{9}$$

Opérations Mixtes Solutions (E)

Effectuez chaque opération.

$\times \frac{18}{9}$	$\times \frac{9}{2}$	$\times \frac{9}{15}$	$\times \frac{3}{9}$	$\times \frac{20}{9}$	$\div \frac{54}{9}$	$\div \frac{135}{9}$	$\div \frac{126}{9}$	$\times \frac{15}{9}$	$\div \frac{126}{9}$
162	18	135	27	180	6	15	14	135	14
$\times \frac{9}{7}$	$\times \frac{8}{9}$	$\times \frac{9}{12}$	$\times \frac{9}{11}$	$\times \frac{9}{10}$	$\div \frac{117}{9}$	$\div \frac{9}{9}$	$\times \frac{2}{9}$	$\times \frac{19}{9}$	$\times \frac{4}{9}$
63	72	108	99	90	13	1	18	171	36
$\div \frac{180}{9}$	$\times \frac{7}{9}$	$\div \frac{63}{9}$	$\div \frac{162}{9}$	$\div \frac{153}{9}$	$\times \frac{9}{2}$	$\div \frac{54}{9}$	$\times \frac{14}{9}$	$\div \frac{117}{9}$	$\div \frac{99}{9}$
20	63	7	18	17	18	6	126	13	11
$\div \frac{153}{9}$	$\times \frac{9}{11}$	$\times \frac{9}{17}$	$\times \frac{9}{10}$	$\times \frac{20}{9}$	$\times \frac{12}{9}$	$\div \frac{108}{9}$	$\times \frac{4}{9}$	$\div \frac{144}{9}$	$\times \frac{7}{9}$
17	99	153	90	180	108	12	36	16	63
$\div \frac{27}{9}$	$\div \frac{72}{9}$	$\div \frac{63}{9}$	$\div \frac{45}{9}$	$\times \frac{14}{9}$	$\times \frac{10}{9}$	$\div \frac{135}{9}$	$\div \frac{108}{9}$	$\times \frac{9}{7}$	$\div \frac{36}{9}$
3	8	7	5	126	90	15	12	63	4
$\div \frac{108}{9}$	$\times \frac{3}{9}$	$\div \frac{108}{9}$	$\times \frac{9}{19}$	$\times \frac{9}{13}$	$\times \frac{7}{9}$	$\times \frac{9}{2}$	$\div \frac{126}{9}$	$\div \frac{144}{9}$	$\times \frac{8}{9}$
12	27	12	171	117	63	18	14	16	72
$\times \frac{10}{9}$	$\div \frac{9}{9}$	$\div \frac{9}{9}$	$\times \frac{8}{9}$	$\times \frac{2}{9}$	$\times \frac{9}{18}$	$\div \frac{18}{9}$	$\div \frac{81}{9}$	$\times \frac{17}{9}$	$\times \frac{8}{9}$
90	1	1	72	18	162	2	9	153	72
$\times \frac{13}{9}$	$\times \frac{2}{9}$	$\times \frac{9}{15}$	$\times \frac{10}{9}$	$\div \frac{27}{9}$	$\div \frac{99}{9}$	$\times \frac{6}{9}$	$\times \frac{14}{9}$	$\times \frac{9}{10}$	$\div \frac{99}{9}$
117	18	135	90	3	11	54	126	90	11
$\div \frac{9}{9}$	$\times \frac{9}{10}$	$\times \frac{9}{6}$	$\div \frac{72}{9}$	$\div \frac{9}{9}$	$\div \frac{72}{9}$	$\div \frac{135}{9}$	$\div \frac{99}{9}$	$\div \frac{171}{9}$	$\times \frac{11}{9}$
1	90	54	8	1	8	15	11	19	99
$\times \frac{13}{9}$	$\times \frac{9}{2}$	$\div \frac{27}{9}$	$\div \frac{45}{9}$	$\div \frac{144}{9}$	$\div \frac{90}{9}$	$\times \frac{2}{9}$	$\div \frac{117}{9}$	$\times \frac{4}{9}$	$\times \frac{7}{9}$
117	18	3	5	16	10	18	13	36	63

Opérations Mixtes Solutions (F)

Effectuez chaque opération.

$\frac{126}{9}$	$\frac{108}{9}$	$\frac{72}{9}$	$\frac{9}{9}$	$\frac{27}{9}$	$\frac{9}{6}$	$\frac{162}{9}$	$\frac{162}{9}$	$\frac{19}{9}$	$\frac{171}{9}$
14	12	8	1	3	54	18	18	171	19
$\frac{99}{9}$	$\frac{9}{11}$	$\frac{27}{9}$	$\frac{162}{9}$	$\frac{180}{9}$	$\frac{126}{9}$	$\frac{135}{9}$	$\frac{9}{9}$	$\frac{144}{9}$	$\frac{9}{2}$
11	99	3	18	20	14	15	1	16	18
$\frac{144}{9}$	$\frac{72}{9}$	$\frac{144}{9}$	$\frac{9}{18}$	$\frac{5}{9}$	$\frac{162}{9}$	$\frac{144}{9}$	$\frac{2}{9}$	$\frac{9}{1}$	$\frac{54}{9}$
16	8	16	162	45	18	16	18	9	6
$\frac{19}{9}$	$\frac{4}{9}$	$\frac{36}{9}$	$\frac{3}{9}$	$\frac{171}{9}$	$\frac{63}{9}$	$\frac{5}{9}$	$\frac{27}{9}$	$\frac{180}{9}$	$\frac{108}{9}$
171	36	4	27	19	7	45	3	20	12
$\frac{4}{9}$	$\frac{27}{9}$	$\frac{3}{9}$	$\frac{54}{9}$	$\frac{9}{17}$	$\frac{15}{9}$	$\frac{2}{9}$	$\frac{9}{16}$	$\frac{36}{9}$	$\frac{9}{9}$
36	3	27	6	153	135	18	144	4	81
$\frac{36}{9}$	$\frac{9}{20}$	$\frac{54}{9}$	$\frac{162}{9}$	$\frac{9}{14}$	$\frac{19}{9}$	$\frac{9}{3}$	$\frac{10}{9}$	$\frac{81}{9}$	$\frac{144}{9}$
4	180	6	18	126	171	27	90	9	16
$\frac{72}{9}$	$\frac{126}{9}$	$\frac{27}{9}$	$\frac{9}{1}$	$\frac{9}{3}$	$\frac{27}{9}$	$\frac{9}{13}$	$\frac{144}{9}$	$\frac{12}{9}$	$\frac{15}{9}$
8	14	3	9	27	3	117	16	108	135
$\frac{180}{9}$	$\frac{9}{15}$	$\frac{9}{13}$	$\frac{9}{19}$	$\frac{90}{9}$	$\frac{1}{9}$	$\frac{18}{9}$	$\frac{9}{13}$	$\frac{9}{13}$	$\frac{54}{9}$
20	135	117	171	10	9	2	117	117	6
$\frac{117}{9}$	$\frac{18}{9}$	$\frac{144}{9}$	$\frac{9}{4}$	$\frac{9}{9}$	$\frac{135}{9}$	$\frac{180}{9}$	$\frac{14}{9}$	$\frac{153}{9}$	$\frac{4}{9}$
13	2	16	36	1	15	20	126	17	36
$\frac{54}{9}$	$\frac{9}{16}$	$\frac{20}{9}$	$\frac{9}{9}$	$\frac{15}{9}$	$\frac{63}{9}$	$\frac{9}{19}$	$\frac{90}{9}$	$\frac{9}{8}$	$\frac{9}{9}$
6	144	180	1	135	7	171	10	72	1

Opérations Mixtes (G)

Effectuez chaque opération.

$$\div \frac{36}{9} \div \frac{36}{9} \div \frac{153}{9} \times \frac{9}{7} \times \frac{6}{9} \div \frac{18}{9} \div \frac{126}{9} \div \frac{108}{9} \div \frac{9}{9} \div \frac{162}{9}$$

$$\times \frac{9}{4} \div \frac{27}{9} \times \frac{4}{9} \times \frac{9}{3} \times \frac{9}{9} \times \frac{9}{1} \div \frac{9}{9} \div \frac{135}{9} \times \frac{9}{18} \div \frac{171}{9}$$

$$\times \frac{9}{19} \div \frac{81}{9} \times \frac{9}{5} \div \frac{135}{9} \div \frac{18}{9} \times \frac{15}{9} \div \frac{117}{9} \div \frac{63}{9} \times \frac{9}{20} \div \frac{171}{9}$$

$$\times \frac{18}{9} \times \frac{9}{9} \times \frac{9}{7} \div \frac{144}{9} \times \frac{16}{9} \div \frac{27}{9} \times \frac{19}{9} \times \frac{9}{17} \times \frac{9}{19} \times \frac{1}{9}$$

$$\times \frac{9}{15} \times \frac{12}{9} \div \frac{171}{9} \times \frac{9}{17} \div \frac{36}{9} \div \frac{72}{9} \div \frac{108}{9} \div \frac{45}{9} \div \frac{18}{9} \div \frac{54}{9}$$

$$\times \frac{9}{20} \div \frac{117}{9} \div \frac{81}{9} \times \frac{9}{7} \div \frac{126}{9} \div \frac{126}{9} \times \frac{9}{2} \times \frac{9}{4} \times \frac{19}{9} \div \frac{144}{9}$$

$$\times \frac{7}{9} \times \frac{9}{3} \div \frac{153}{9} \div \frac{126}{9} \div \frac{27}{9} \times \frac{1}{9} \div \frac{72}{9} \div \frac{162}{9} \div \frac{90}{9} \times \frac{3}{9}$$

$$\times \frac{9}{1} \times \frac{9}{3} \div \frac{45}{9} \div \frac{117}{9} \times \frac{12}{9} \div \frac{81}{9} \times \frac{18}{9} \div \frac{153}{9} \div \frac{54}{9} \times \frac{7}{9}$$

$$\times \frac{9}{7} \times \frac{15}{9} \div \frac{99}{9} \div \frac{117}{9} \div \frac{36}{9} \times \frac{9}{18} \div \frac{54}{9} \div \frac{180}{9} \times \frac{10}{9} \times \frac{9}{5}$$

$$\div \frac{135}{9} \times \frac{9}{10} \times \frac{2}{9} \div \frac{81}{9} \div \frac{153}{9} \div \frac{27}{9} \div \frac{36}{9} \times \frac{9}{3} \div \frac{63}{9} \div \frac{54}{9}$$

Opérations Mixtes Solutions (G)

Effectuez chaque opération.

$\div \frac{36}{9}$	$\div \frac{36}{9}$	$\div \frac{153}{9}$	$\times \frac{9}{7}$	$\times \frac{6}{9}$	$\div \frac{18}{9}$	$\div \frac{126}{9}$	$\div \frac{108}{9}$	$\div \frac{9}{9}$	$\div \frac{162}{9}$
4	4	17	63	54	2	14	12	1	18
$\times \frac{9}{4}$	$\div \frac{27}{9}$	$\times \frac{4}{9}$	$\times \frac{9}{3}$	$\times \frac{9}{9}$	$\times \frac{9}{1}$	$\div \frac{9}{9}$	$\div \frac{135}{9}$	$\times \frac{9}{18}$	$\div \frac{171}{9}$
36	3	36	27	81	9	1	15	162	19
$\times \frac{9}{19}$	$\div \frac{81}{9}$	$\times \frac{9}{5}$	$\div \frac{135}{9}$	$\div \frac{18}{9}$	$\times \frac{15}{9}$	$\div \frac{117}{9}$	$\div \frac{63}{9}$	$\times \frac{9}{20}$	$\div \frac{171}{9}$
171	9	45	15	2	135	13	7	180	19
$\times \frac{18}{9}$	$\times \frac{9}{9}$	$\times \frac{9}{7}$	$\div \frac{144}{9}$	$\times \frac{16}{9}$	$\div \frac{27}{9}$	$\times \frac{19}{9}$	$\times \frac{9}{17}$	$\times \frac{9}{19}$	$\times \frac{1}{9}$
162	81	63	16	144	3	171	153	171	9
$\times \frac{9}{15}$	$\times \frac{12}{9}$	$\div \frac{171}{9}$	$\times \frac{9}{17}$	$\div \frac{36}{9}$	$\div \frac{72}{9}$	$\div \frac{108}{9}$	$\div \frac{45}{9}$	$\div \frac{18}{9}$	$\div \frac{54}{9}$
135	108	19	153	4	8	12	5	2	6
$\times \frac{9}{20}$	$\div \frac{117}{9}$	$\div \frac{81}{9}$	$\times \frac{9}{7}$	$\div \frac{126}{9}$	$\div \frac{126}{9}$	$\times \frac{9}{2}$	$\times \frac{9}{4}$	$\times \frac{19}{9}$	$\div \frac{144}{9}$
180	13	9	63	14	14	18	36	171	16
$\times \frac{7}{9}$	$\times \frac{9}{3}$	$\div \frac{153}{9}$	$\div \frac{126}{9}$	$\div \frac{27}{9}$	$\times \frac{1}{9}$	$\div \frac{72}{9}$	$\div \frac{162}{9}$	$\div \frac{90}{9}$	$\times \frac{3}{9}$
63	27	17	14	3	9	8	18	10	27
$\times \frac{9}{1}$	$\times \frac{9}{3}$	$\div \frac{45}{9}$	$\div \frac{117}{9}$	$\times \frac{12}{9}$	$\div \frac{81}{9}$	$\times \frac{18}{9}$	$\div \frac{153}{9}$	$\div \frac{54}{9}$	$\times \frac{7}{9}$
9	27	5	13	108	9	162	17	6	63
$\times \frac{9}{7}$	$\times \frac{15}{9}$	$\div \frac{99}{9}$	$\div \frac{117}{9}$	$\div \frac{36}{9}$	$\times \frac{9}{18}$	$\div \frac{54}{9}$	$\div \frac{180}{9}$	$\times \frac{10}{9}$	$\times \frac{9}{5}$
63	135	11	13	4	162	6	20	90	45
$\div \frac{135}{9}$	$\times \frac{9}{10}$	$\times \frac{2}{9}$	$\div \frac{81}{9}$	$\div \frac{153}{9}$	$\div \frac{27}{9}$	$\div \frac{36}{9}$	$\times \frac{9}{3}$	$\div \frac{63}{9}$	$\div \frac{54}{9}$
15	90	18	9	17	3	4	27	7	6

Opérations Mixtes (H)

Effectuez chaque opération.

$$\div \frac{54}{9} \times \frac{9}{13} \times \frac{9}{16} \div \frac{81}{9} \div \frac{126}{9} \div \frac{9}{9} \div \frac{27}{9} \div \frac{54}{9} \times \frac{9}{5} \times \frac{9}{15}$$

$$\div \frac{171}{9} \div \frac{72}{9} \div \frac{18}{9} \times \frac{9}{2} \times \frac{11}{9} \times \frac{9}{13} \div \frac{108}{9} \times \frac{9}{4} \div \frac{27}{9} \div \frac{54}{9}$$

$$\times \frac{9}{19} \div \frac{72}{9} \times \frac{9}{6} \div \frac{108}{9} \div \frac{54}{9} \div \frac{180}{9} \times \frac{9}{6} \times \frac{9}{7} \div \frac{90}{9} \times \frac{1}{9}$$

$$\times \frac{9}{19} \times \frac{8}{9} \div \frac{171}{9} \times \frac{9}{12} \div \frac{27}{9} \div \frac{18}{9} \times \frac{18}{9} \times \frac{9}{12} \div \frac{162}{9} \div \frac{153}{9}$$

$$\times \frac{9}{20} \div \frac{108}{9} \div \frac{45}{9} \times \frac{9}{7} \div \frac{171}{9} \times \frac{9}{17} \times \frac{9}{2} \times \frac{9}{9} \times \frac{9}{9} \div \frac{180}{9}$$

$$\times \frac{9}{9} \div \frac{162}{9} \times \frac{20}{9} \div \frac{9}{9} \div \frac{27}{9} \times \frac{9}{14} \div \frac{171}{9} \div \frac{153}{9} \times \frac{5}{9} \div \frac{27}{9}$$

$$\div \frac{63}{9} \div \frac{99}{9} \div \frac{117}{9} \times \frac{15}{9} \times \frac{9}{11} \div \frac{180}{9} \times \frac{9}{7} \times \frac{9}{14} \div \frac{108}{9} \div \frac{135}{9}$$

$$\times \frac{20}{9} \times \frac{17}{9} \times \frac{9}{19} \div \frac{45}{9} \times \frac{6}{9} \times \frac{20}{9} \div \frac{54}{9} \div \frac{72}{9} \div \frac{72}{9} \times \frac{16}{9}$$

$$\div \frac{117}{9} \times \frac{9}{20} \div \frac{90}{9} \times \frac{9}{5} \times \frac{9}{10} \div \frac{72}{9} \times \frac{9}{11} \div \frac{36}{9} \times \frac{9}{6} \div \frac{27}{9}$$

$$\times \frac{9}{15} \div \frac{108}{9} \div \frac{162}{9} \div \frac{108}{9} \times \frac{20}{9} \div \frac{108}{9} \div \frac{108}{9} \div \frac{90}{9} \times \frac{6}{9} \div \frac{126}{9}$$

Opérations Mixtes Solutions (H)

Effectuez chaque opération.

$$\begin{array}{cccccccccccc} \div & 54 & \times & 9 & \times & 9 & \div & 81 & \div & 126 & \div & 9 & \div & 27 & \div & 54 & \times & 9 & \times & 9 \\ \hline & 9 & \times & 13 & \times & 16 & \div & 9 & \div & 9 & \div & 9 & \div & 9 & \div & 9 & \times & 5 & \times & 15 \\ \hline & 6 & & 117 & & 144 & & 9 & & 14 & & 1 & & 3 & & 6 & & 45 & & 135 \end{array}$$

$$\begin{array}{cccccccccccc} \div & 171 & \div & 72 & \div & 18 & \times & 9 & \times & 11 & \times & 9 & \div & 108 & \times & 9 & \div & 27 & \div & 54 \\ \hline & 9 & \div & 9 & \div & 9 & \times & 2 & \times & 9 & \times & 13 & \div & 9 & \times & 4 & \div & 9 & \div & 9 \\ \hline & 19 & & 8 & & 2 & & 18 & & 99 & & 117 & & 12 & & 36 & & 3 & & 6 \end{array}$$

$$\begin{array}{cccccccccccc} \times & 9 & \div & 72 & \times & 9 & \div & 108 & \div & 54 & \div & 180 & \times & 9 & \times & 9 & \div & 90 & \times & 1 \\ \hline & 19 & \div & 9 & \times & 6 & \div & 9 & \div & 9 & \div & 9 & \times & 6 & \times & 7 & \div & 9 & \times & 9 \\ \hline & 171 & & 8 & & 54 & & 12 & & 6 & & 20 & & 54 & & 63 & & 10 & & 9 \end{array}$$

$$\begin{array}{cccccccccccc} \times & 9 & \times & 8 & \div & 171 & \times & 9 & \div & 27 & \div & 18 & \times & 9 & \times & 9 & \div & 162 & \div & 153 \\ \hline & 19 & \times & 9 & \div & 9 & \times & 12 & \div & 9 & \div & 9 & \times & 9 & \times & 12 & \div & 9 & \div & 9 \\ \hline & 171 & & 72 & & 19 & & 108 & & 3 & & 2 & & 162 & & 108 & & 18 & & 17 \end{array}$$

$$\begin{array}{cccccccccccc} \times & 9 & \div & 108 & \div & 45 & \times & 9 & \div & 171 & \times & 9 & \times & 9 & \times & 9 & \times & 9 & \times & 9 & \div & 180 \\ \hline & 20 & \div & 9 & \div & 9 & \times & 7 & \div & 9 & \times & 17 & \times & 2 & \times & 9 & \times & 9 & \times & 9 & \div & 9 \\ \hline & 180 & & 12 & & 5 & & 63 & & 19 & & 153 & & 18 & & 81 & & 81 & & 20 \end{array}$$

$$\begin{array}{cccccccccccc} \times & 9 & \div & 162 & \times & 20 & \div & 9 & \div & 27 & \times & 9 & \div & 171 & \div & 153 & \times & 9 & \div & 5 & \div & 27 \\ \hline & 9 & \div & 9 & \times & 9 & \div & 9 & \div & 9 & \times & 14 & \div & 9 & \div & 9 & \times & 9 & \div & 9 & \div & 9 \\ \hline & 81 & & 18 & & 180 & & 1 & & 3 & & 126 & & 19 & & 17 & & 45 & & 3 \end{array}$$

$$\begin{array}{cccccccccccc} \div & 63 & \div & 99 & \div & 117 & \times & 15 & \times & 9 & \div & 180 & \times & 9 & \times & 9 & \div & 108 & \div & 135 \\ \hline & 9 & \div & 9 & \div & 9 & \times & 9 & \times & 11 & \div & 9 & \times & 7 & \times & 14 & \div & 9 & \div & 9 \\ \hline & 7 & & 11 & & 13 & & 135 & & 99 & & 20 & & 63 & & 126 & & 12 & & 15 \end{array}$$

$$\begin{array}{cccccccccccc} \times & 20 & \times & 17 & \times & 9 & \div & 45 & \times & 6 & \times & 20 & \div & 54 & \div & 72 & \div & 72 & \times & 16 \\ \hline & 9 & \times & 9 & \times & 19 & \div & 9 & \times & 9 & \times & 9 & \div & 9 & \div & 9 & \div & 9 & \times & 9 \\ \hline & 180 & & 153 & & 171 & & 5 & & 54 & & 180 & & 6 & & 8 & & 8 & & 144 \end{array}$$

$$\begin{array}{cccccccccccc} \div & 117 & \times & 9 & \div & 90 & \times & 9 & \times & 9 & \div & 72 & \times & 9 & \div & 36 & \times & 9 & \div & 27 \\ \hline & 9 & \times & 20 & \div & 9 & \times & 5 & \times & 10 & \div & 9 & \times & 11 & \div & 9 & \times & 6 & \div & 9 \\ \hline & 13 & & 180 & & 10 & & 45 & & 90 & & 8 & & 99 & & 4 & & 54 & & 3 \end{array}$$

$$\begin{array}{cccccccccccc} \times & 9 & \div & 108 & \div & 162 & \div & 108 & \times & 20 & \div & 108 & \div & 108 & \div & 90 & \times & 6 & \div & 126 \\ \hline & 15 & \div & 9 & \div & 9 & \div & 9 & \times & 9 & \div & 9 & \div & 9 & \div & 9 & \times & 9 & \div & 9 \\ \hline & 135 & & 12 & & 18 & & 12 & & 180 & & 12 & & 12 & & 10 & & 54 & & 14 \end{array}$$

Opérations Mixtes Solutions (I)

Effectuez chaque opération.

$\times \frac{9}{4}$	$\div \frac{72}{9}$	$\times \frac{9}{9}$	$\div \frac{45}{9}$	$\times \frac{18}{9}$	$\times \frac{9}{13}$	$\times \frac{12}{9}$	$\div \frac{72}{9}$	$\div \frac{126}{9}$	$\times \frac{9}{2}$
36	8	81	5	162	117	108	8	14	18
$\div \frac{153}{9}$	$\times \frac{6}{9}$	$\div \frac{144}{9}$	$\times \frac{2}{9}$	$\div \frac{117}{9}$	$\div \frac{18}{9}$	$\times \frac{1}{9}$	$\times \frac{10}{9}$	$\div \frac{72}{9}$	$\times \frac{12}{9}$
17	54	16	18	13	2	9	90	8	108
$\times \frac{6}{9}$	$\div \frac{54}{9}$	$\div \frac{63}{9}$	$\div \frac{90}{9}$	$\times \frac{11}{9}$	$\times \frac{15}{9}$	$\times \frac{19}{9}$	$\div \frac{18}{9}$	$\times \frac{2}{9}$	$\div \frac{54}{9}$
54	6	7	10	99	135	171	2	18	6
$\times \frac{19}{9}$	$\times \frac{9}{2}$	$\times \frac{9}{3}$	$\div \frac{144}{9}$	$\times \frac{9}{5}$	$\div \frac{162}{9}$	$\div \frac{63}{9}$	$\times \frac{1}{9}$	$\times \frac{3}{9}$	$\times \frac{9}{4}$
171	18	27	16	45	18	7	9	27	36
$\div \frac{171}{9}$	$\times \frac{2}{9}$	$\times \frac{15}{9}$	$\div \frac{27}{9}$	$\div \frac{18}{9}$	$\div \frac{180}{9}$	$\times \frac{5}{9}$	$\times \frac{9}{17}$	$\div \frac{63}{9}$	$\times \frac{20}{9}$
19	18	135	3	2	20	45	153	7	180
$\div \frac{117}{9}$	$\times \frac{9}{3}$	$\div \frac{153}{9}$	$\div \frac{108}{9}$	$\div \frac{27}{9}$	$\div \frac{72}{9}$	$\times \frac{9}{18}$	$\div \frac{9}{9}$	$\div \frac{27}{9}$	$\times \frac{9}{7}$
13	27	17	12	3	8	162	1	3	63
$\times \frac{3}{9}$	$\times \frac{5}{9}$	$\times \frac{9}{20}$	$\times \frac{2}{9}$	$\times \frac{8}{9}$	$\div \frac{27}{9}$	$\div \frac{72}{9}$	$\div \frac{18}{9}$	$\div \frac{108}{9}$	$\times \frac{20}{9}$
27	45	180	18	72	3	8	2	12	180
$\times \frac{9}{12}$	$\div \frac{9}{9}$	$\div \frac{54}{9}$	$\div \frac{180}{9}$	$\div \frac{72}{9}$	$\times \frac{9}{3}$	$\times \frac{9}{6}$	$\div \frac{99}{9}$	$\times \frac{15}{9}$	$\div \frac{117}{9}$
108	1	6	20	8	27	54	11	135	13
$\div \frac{171}{9}$	$\div \frac{108}{9}$	$\times \frac{3}{9}$	$\div \frac{36}{9}$	$\times \frac{9}{4}$	$\div \frac{117}{9}$	$\times \frac{9}{19}$	$\times \frac{7}{9}$	$\times \frac{17}{9}$	$\div \frac{45}{9}$
19	12	27	4	36	13	171	63	153	5
$\div \frac{45}{9}$	$\times \frac{19}{9}$	$\div \frac{54}{9}$	$\times \frac{9}{6}$	$\div \frac{9}{9}$	$\div \frac{18}{9}$	$\div \frac{72}{9}$	$\div \frac{108}{9}$	$\div \frac{171}{9}$	$\times \frac{9}{5}$
5	171	6	54	2	8	12	19	45	72

Opérations Mixtes (J)

Effectuez chaque opération.

$$\times \frac{11}{9} \div \frac{9}{9} \times \frac{9}{17} \times \frac{9}{5} \div \frac{27}{9} \times \frac{9}{1} \times \frac{9}{17} \times \frac{9}{1} \div \frac{54}{9} \div \frac{162}{9}$$

$$\times \frac{5}{9} \div \frac{36}{9} \div \frac{180}{9} \times \frac{9}{15} \times \frac{9}{2} \times \frac{9}{9} \times \frac{16}{9} \div \frac{99}{9} \div \frac{117}{9} \times \frac{9}{12}$$

$$\div \frac{18}{9} \div \frac{9}{9} \times \frac{17}{9} \times \frac{9}{5} \times \frac{13}{9} \times \frac{9}{8} \div \frac{36}{9} \div \frac{90}{9} \times \frac{9}{19} \times \frac{16}{9}$$

$$\div \frac{63}{9} \div \frac{90}{9} \times \frac{16}{9} \div \frac{9}{9} \div \frac{144}{9} \times \frac{9}{20} \times \frac{18}{9} \div \frac{72}{9} \times \frac{5}{9} \div \frac{45}{9}$$

$$\div \frac{144}{9} \div \frac{99}{9} \times \frac{5}{9} \div \frac{162}{9} \div \frac{153}{9} \div \frac{45}{9} \div \frac{45}{9} \div \frac{117}{9} \div \frac{36}{9} \times \frac{18}{9}$$

$$\times \frac{19}{9} \times \frac{18}{9} \times \frac{5}{9} \times \frac{9}{9} \div \frac{72}{9} \div \frac{144}{9} \times \frac{14}{9} \times \frac{9}{17} \times \frac{9}{16} \div \frac{63}{9}$$

$$\times \frac{17}{9} \div \frac{126}{9} \times \frac{9}{19} \div \frac{144}{9} \div \frac{54}{9} \times \frac{9}{4} \div \frac{72}{9} \div \frac{171}{9} \div \frac{90}{9} \times \frac{9}{18}$$

$$\times \frac{9}{17} \times \frac{5}{9} \times \frac{9}{2} \div \frac{63}{9} \times \frac{9}{2} \times \frac{9}{11} \times \frac{3}{9} \div \frac{27}{9} \times \frac{9}{11} \div \frac{117}{9}$$

$$\times \frac{9}{7} \div \frac{63}{9} \div \frac{135}{9} \div \frac{99}{9} \div \frac{153}{9} \div \frac{99}{9} \times \frac{14}{9} \times \frac{15}{9} \div \frac{45}{9} \times \frac{9}{10}$$

$$\times \frac{9}{3} \times \frac{9}{1} \times \frac{18}{9} \div \frac{81}{9} \times \frac{10}{9} \div \frac{36}{9} \div \frac{36}{9} \div \frac{45}{9} \times \frac{9}{1} \times \frac{9}{14}$$

Opérations Mixtes Solutions (J)

Effectuez chaque opération.

$\times \frac{11}{9}$	$\div \frac{9}{9}$	$\times \frac{9}{17}$	$\times \frac{9}{5}$	$\div \frac{27}{9}$	$\times \frac{9}{1}$	$\times \frac{9}{17}$	$\times \frac{9}{1}$	$\div \frac{54}{9}$	$\div \frac{162}{9}$
99	1	153	45	3	9	153	9	6	18
$\times \frac{5}{9}$	$\div \frac{36}{9}$	$\div \frac{180}{9}$	$\times \frac{9}{15}$	$\times \frac{9}{2}$	$\times \frac{9}{9}$	$\times \frac{16}{9}$	$\div \frac{99}{9}$	$\div \frac{117}{9}$	$\times \frac{9}{12}$
45	4	20	135	18	81	144	11	13	108
$\div \frac{18}{9}$	$\div \frac{9}{9}$	$\times \frac{17}{9}$	$\times \frac{9}{5}$	$\times \frac{13}{9}$	$\times \frac{9}{8}$	$\div \frac{36}{9}$	$\div \frac{90}{9}$	$\times \frac{9}{19}$	$\times \frac{16}{9}$
2	1	153	45	117	72	4	10	171	144
$\div \frac{63}{9}$	$\div \frac{90}{9}$	$\times \frac{16}{9}$	$\div \frac{9}{9}$	$\div \frac{144}{9}$	$\times \frac{9}{20}$	$\times \frac{18}{9}$	$\div \frac{72}{9}$	$\times \frac{5}{9}$	$\div \frac{45}{9}$
7	10	144	1	16	180	162	8	45	5
$\div \frac{144}{9}$	$\div \frac{99}{9}$	$\times \frac{5}{9}$	$\div \frac{162}{9}$	$\div \frac{153}{9}$	$\div \frac{45}{9}$	$\div \frac{45}{9}$	$\div \frac{117}{9}$	$\div \frac{36}{9}$	$\times \frac{18}{9}$
16	11	45	18	17	5	5	13	4	162
$\times \frac{19}{9}$	$\times \frac{18}{9}$	$\times \frac{5}{9}$	$\times \frac{9}{9}$	$\div \frac{72}{9}$	$\div \frac{144}{9}$	$\times \frac{14}{9}$	$\times \frac{9}{17}$	$\times \frac{9}{16}$	$\div \frac{63}{9}$
171	162	45	81	8	16	126	153	144	7
$\times \frac{17}{9}$	$\div \frac{126}{9}$	$\times \frac{9}{19}$	$\div \frac{144}{9}$	$\div \frac{54}{9}$	$\times \frac{9}{4}$	$\div \frac{72}{9}$	$\div \frac{171}{9}$	$\div \frac{90}{9}$	$\times \frac{9}{18}$
153	14	171	16	6	36	8	19	10	162
$\times \frac{9}{17}$	$\times \frac{5}{9}$	$\times \frac{9}{2}$	$\div \frac{63}{9}$	$\times \frac{9}{2}$	$\times \frac{9}{11}$	$\times \frac{3}{9}$	$\div \frac{27}{9}$	$\times \frac{9}{11}$	$\div \frac{117}{9}$
153	45	18	7	18	99	27	3	99	13
$\times \frac{9}{7}$	$\div \frac{63}{9}$	$\div \frac{135}{9}$	$\div \frac{99}{9}$	$\div \frac{153}{9}$	$\div \frac{99}{9}$	$\times \frac{14}{9}$	$\times \frac{15}{9}$	$\div \frac{45}{9}$	$\times \frac{9}{10}$
63	7	15	11	17	11	126	135	5	90
$\times \frac{9}{3}$	$\times \frac{9}{1}$	$\times \frac{18}{9}$	$\div \frac{81}{9}$	$\times \frac{10}{9}$	$\div \frac{36}{9}$	$\div \frac{36}{9}$	$\div \frac{45}{9}$	$\times \frac{9}{1}$	$\times \frac{9}{14}$
27	9	162	9	90	4	4	5	9	126