

Opérations Mixtes (A)

Effectuez chaque opération.

$$\times \frac{3}{15} \div \frac{165}{15} \times \frac{15}{5} \div \frac{120}{15} \div \frac{165}{15} \div \frac{30}{15} \times \frac{15}{8} \div \frac{180}{15} \div \frac{225}{15} \times \frac{15}{10}$$

$$\times \frac{15}{5} \times \frac{15}{11} \times \frac{14}{15} \times \frac{15}{1} \times \frac{8}{15} \div \frac{225}{15} \div \frac{180}{15} \div \frac{180}{15} \div \frac{165}{15} \times \frac{15}{8}$$

$$\times \frac{15}{7} \div \frac{15}{15} \div \frac{210}{15} \times \frac{15}{11} \div \frac{15}{15} \times \frac{1}{15} \times \frac{10}{15} \times \frac{15}{2} \div \frac{195}{15} \times \frac{7}{15}$$

$$\times \frac{6}{15} \div \frac{15}{15} \div \frac{45}{15} \div \frac{75}{15} \div \frac{120}{15} \div \frac{195}{15} \times \frac{10}{15} \times \frac{11}{15} \times \frac{4}{15} \times \frac{15}{4}$$

$$\times \frac{15}{1} \div \frac{75}{15} \div \frac{210}{15} \times \frac{2}{15} \times \frac{9}{15} \times \frac{5}{15} \div \frac{90}{15} \div \frac{60}{15} \times \frac{6}{15} \div \frac{45}{15}$$

$$\div \frac{225}{15} \div \frac{135}{15} \times \frac{2}{15} \div \frac{60}{15} \div \frac{45}{15} \div \frac{150}{15} \div \frac{195}{15} \times \frac{7}{15} \times \frac{15}{10} \div \frac{120}{15}$$

$$\times \frac{3}{15} \div \frac{135}{15} \div \frac{30}{15} \times \frac{13}{15} \div \frac{90}{15} \times \frac{6}{15} \div \frac{105}{15} \div \frac{165}{15} \div \frac{225}{15} \div \frac{45}{15}$$

$$\div \frac{45}{15} \times \frac{5}{15} \times \frac{15}{5} \times \frac{15}{2} \div \frac{45}{15} \div \frac{225}{15} \div \frac{135}{15} \div \frac{195}{15} \times \frac{15}{4} \div \frac{15}{15}$$

$$\div \frac{135}{15} \times \frac{15}{14} \div \frac{195}{15} \div \frac{135}{15} \div \frac{60}{15} \times \frac{10}{15} \times \frac{3}{15} \div \frac{165}{15} \times \frac{7}{15} \div \frac{150}{15}$$

$$\times \frac{2}{15} \times \frac{3}{15} \times \frac{15}{11} \times \frac{2}{15} \times \frac{3}{15} \times \frac{7}{15} \div \frac{120}{15} \div \frac{120}{15} \times \frac{5}{15} \div \frac{165}{15}$$

Opérations Mixtes Solutions (A)

Effectuez chaque opération.

$\times \frac{3}{15}$	$\div \frac{165}{15}$	$\times \frac{15}{5}$	$\div \frac{120}{15}$	$\div \frac{165}{15}$	$\div \frac{30}{15}$	$\times \frac{15}{8}$	$\div \frac{180}{15}$	$\div \frac{225}{15}$	$\times \frac{15}{10}$
45	11	75	8	11	2	120	12	15	150
$\times \frac{15}{5}$	$\times \frac{15}{11}$	$\times \frac{14}{15}$	$\times \frac{15}{1}$	$\times \frac{8}{15}$	$\div \frac{225}{15}$	$\div \frac{180}{15}$	$\div \frac{180}{15}$	$\div \frac{165}{15}$	$\times \frac{15}{8}$
75	165	210	15	120	15	12	12	11	120
$\times \frac{15}{7}$	$\div \frac{15}{15}$	$\div \frac{210}{15}$	$\times \frac{15}{11}$	$\div \frac{15}{15}$	$\times \frac{1}{15}$	$\times \frac{10}{15}$	$\times \frac{15}{2}$	$\div \frac{195}{15}$	$\times \frac{7}{15}$
105	1	14	165	1	15	150	30	13	105
$\times \frac{6}{15}$	$\div \frac{15}{15}$	$\div \frac{45}{15}$	$\div \frac{75}{15}$	$\div \frac{120}{15}$	$\div \frac{195}{15}$	$\times \frac{10}{15}$	$\times \frac{11}{15}$	$\times \frac{4}{15}$	$\times \frac{15}{4}$
90	1	3	5	8	13	150	165	60	60
$\times \frac{15}{1}$	$\div \frac{75}{15}$	$\div \frac{210}{15}$	$\times \frac{2}{15}$	$\times \frac{9}{15}$	$\times \frac{5}{15}$	$\div \frac{90}{15}$	$\div \frac{60}{15}$	$\times \frac{6}{15}$	$\div \frac{45}{15}$
15	5	14	30	135	75	6	4	90	3
$\div \frac{225}{15}$	$\div \frac{135}{15}$	$\times \frac{2}{15}$	$\div \frac{60}{15}$	$\div \frac{45}{15}$	$\div \frac{150}{15}$	$\div \frac{195}{15}$	$\times \frac{7}{15}$	$\times \frac{15}{10}$	$\div \frac{120}{15}$
15	9	30	4	3	10	13	105	150	8
$\times \frac{3}{15}$	$\div \frac{135}{15}$	$\div \frac{30}{15}$	$\times \frac{13}{15}$	$\div \frac{90}{15}$	$\times \frac{6}{15}$	$\div \frac{105}{15}$	$\div \frac{165}{15}$	$\div \frac{225}{15}$	$\div \frac{45}{15}$
45	9	2	195	6	90	7	11	15	3
$\div \frac{45}{15}$	$\times \frac{5}{15}$	$\times \frac{15}{5}$	$\times \frac{15}{2}$	$\div \frac{45}{15}$	$\div \frac{225}{15}$	$\div \frac{135}{15}$	$\div \frac{195}{15}$	$\times \frac{15}{4}$	$\div \frac{15}{15}$
3	75	75	30	3	15	9	13	60	1
$\div \frac{135}{15}$	$\times \frac{15}{14}$	$\div \frac{195}{15}$	$\div \frac{135}{15}$	$\div \frac{60}{15}$	$\times \frac{10}{15}$	$\times \frac{3}{15}$	$\div \frac{165}{15}$	$\times \frac{7}{15}$	$\div \frac{150}{15}$
9	210	13	9	4	150	45	11	105	10
$\times \frac{2}{15}$	$\times \frac{3}{15}$	$\times \frac{15}{11}$	$\times \frac{2}{15}$	$\times \frac{3}{15}$	$\times \frac{7}{15}$	$\div \frac{120}{15}$	$\div \frac{120}{15}$	$\times \frac{5}{15}$	$\div \frac{165}{15}$
30	45	165	30	45	105	8	8	75	11

Opérations Mixtes (B)

Effectuez chaque opération.

$$\times \frac{15}{1} \div \frac{225}{15} \div \frac{225}{15} \times \frac{15}{8} \div \frac{90}{15} \div \frac{105}{15} \times \frac{4}{15} \div \frac{210}{15} \times \frac{15}{2} \times \frac{4}{15}$$

$$\div \frac{15}{15} \div \frac{120}{15} \div \frac{150}{15} \times \frac{10}{15} \div \frac{225}{15} \div \frac{15}{15} \div \frac{225}{15} \div \frac{120}{15} \times \frac{15}{13} \div \frac{120}{15}$$

$$\times \frac{15}{12} \times \frac{9}{15} \times \frac{15}{6} \times \frac{15}{1} \div \frac{60}{15} \div \frac{150}{15} \div \frac{45}{15} \times \frac{4}{15} \times \frac{8}{15} \div \frac{120}{15}$$

$$\times \frac{15}{15} \div \frac{150}{15} \div \frac{45}{15} \div \frac{30}{15} \times \frac{15}{10} \div \frac{210}{15} \times \frac{15}{3} \div \frac{30}{15} \times \frac{15}{1} \div \frac{75}{15}$$

$$\div \frac{30}{15} \times \frac{15}{4} \times \frac{15}{14} \times \frac{11}{15} \div \frac{60}{15} \div \frac{165}{15} \div \frac{45}{15} \div \frac{90}{15} \div \frac{45}{15} \times \frac{15}{13}$$

$$\times \frac{2}{15} \times \frac{15}{5} \times \frac{15}{15} \div \frac{15}{15} \div \frac{210}{15} \div \frac{75}{15} \div \frac{60}{15} \times \frac{12}{15} \times \frac{15}{15} \div \frac{210}{15}$$

$$\times \frac{15}{3} \times \frac{3}{15} \times \frac{15}{8} \times \frac{15}{13} \times \frac{15}{12} \div \frac{45}{15} \div \frac{165}{15} \times \frac{10}{15} \times \frac{15}{3} \div \frac{195}{15}$$

$$\div \frac{15}{15} \div \frac{165}{15} \times \frac{15}{15} \times \frac{6}{15} \div \frac{210}{15} \times \frac{15}{15} \div \frac{90}{15} \times \frac{13}{15} \times \frac{9}{15} \div \frac{195}{15}$$

$$\times \frac{15}{10} \times \frac{15}{8} \div \frac{225}{15} \div \frac{135}{15} \times \frac{15}{14} \div \frac{165}{15} \times \frac{15}{6} \div \frac{180}{15} \times \frac{15}{11} \times \frac{15}{9}$$

$$\times \frac{15}{2} \div \frac{90}{15} \times \frac{3}{15} \div \frac{165}{15} \div \frac{165}{15} \times \frac{15}{10} \times \frac{15}{12} \times \frac{15}{2} \times \frac{15}{8} \div \frac{45}{15}$$

Opérations Mixtes Solutions (B)

Effectuez chaque opération.

$\times \frac{15}{15}$	$\div \frac{225}{15}$	$\div \frac{225}{15}$	$\times \frac{15}{120}$	$\div \frac{90}{6}$	$\div \frac{105}{7}$	$\times \frac{4}{60}$	$\div \frac{210}{14}$	$\times \frac{15}{30}$	$\times \frac{4}{60}$
$\div \frac{15}{1}$	$\div \frac{120}{8}$	$\div \frac{150}{10}$	$\times \frac{10}{150}$	$\div \frac{225}{15}$	$\div \frac{15}{1}$	$\div \frac{225}{15}$	$\div \frac{120}{8}$	$\times \frac{15}{195}$	$\div \frac{120}{8}$
$\times \frac{15}{12}$	$\times \frac{9}{15}$	$\times \frac{15}{6}$	$\times \frac{15}{1}$	$\div \frac{60}{4}$	$\div \frac{150}{10}$	$\div \frac{45}{3}$	$\times \frac{4}{60}$	$\times \frac{8}{120}$	$\div \frac{120}{8}$
$\times \frac{15}{15}$	$\div \frac{150}{10}$	$\div \frac{45}{3}$	$\div \frac{30}{2}$	$\times \frac{15}{150}$	$\div \frac{210}{14}$	$\times \frac{15}{45}$	$\div \frac{30}{2}$	$\times \frac{15}{15}$	$\div \frac{75}{5}$
$\div \frac{30}{2}$	$\times \frac{15}{60}$	$\times \frac{15}{210}$	$\times \frac{11}{165}$	$\div \frac{60}{4}$	$\div \frac{165}{11}$	$\div \frac{45}{3}$	$\div \frac{90}{6}$	$\div \frac{45}{3}$	$\times \frac{15}{195}$
$\times \frac{2}{15}$	$\times \frac{15}{75}$	$\times \frac{15}{225}$	$\div \frac{15}{1}$	$\div \frac{210}{14}$	$\div \frac{75}{5}$	$\div \frac{60}{4}$	$\times \frac{12}{180}$	$\times \frac{15}{225}$	$\div \frac{210}{14}$
$\times \frac{15}{3}$	$\times \frac{3}{45}$	$\times \frac{15}{120}$	$\times \frac{15}{195}$	$\times \frac{15}{180}$	$\div \frac{45}{3}$	$\div \frac{165}{11}$	$\times \frac{10}{150}$	$\times \frac{15}{45}$	$\div \frac{195}{13}$
$\div \frac{15}{15}$	$\div \frac{165}{11}$	$\times \frac{15}{225}$	$\times \frac{6}{90}$	$\div \frac{210}{14}$	$\times \frac{15}{225}$	$\div \frac{90}{6}$	$\times \frac{13}{195}$	$\times \frac{9}{135}$	$\div \frac{195}{13}$
$\times \frac{15}{10}$	$\times \frac{15}{120}$	$\div \frac{225}{15}$	$\div \frac{135}{9}$	$\times \frac{15}{210}$	$\div \frac{165}{11}$	$\times \frac{15}{90}$	$\div \frac{180}{12}$	$\times \frac{15}{165}$	$\times \frac{15}{135}$
$\times \frac{15}{2}$	$\div \frac{90}{6}$	$\times \frac{3}{45}$	$\div \frac{165}{11}$	$\div \frac{165}{11}$	$\times \frac{15}{150}$	$\times \frac{15}{180}$	$\times \frac{15}{30}$	$\times \frac{15}{120}$	$\div \frac{45}{3}$

Opérations Mixtes (C)

Effectuez chaque opération.

$$\div \frac{165}{15} \div \frac{150}{15} \div \frac{195}{15} \div \frac{165}{15} \div \frac{30}{15} \times \frac{15}{13} \div \frac{150}{15} \times \frac{6}{15} \div \frac{165}{15} \div \frac{150}{15}$$

$$\div \frac{75}{15} \div \frac{90}{15} \div \frac{165}{15} \times \frac{8}{15} \times \frac{15}{10} \div \frac{105}{15} \div \frac{180}{15} \times \frac{15}{13} \times \frac{9}{15} \div \frac{150}{15}$$

$$\times \frac{7}{15} \times \frac{4}{15} \times \frac{15}{1} \times \frac{15}{8} \div \frac{30}{15} \times \frac{15}{3} \div \frac{180}{15} \div \frac{45}{15} \div \frac{105}{15} \div \frac{150}{15}$$

$$\div \frac{90}{15} \div \frac{135}{15} \div \frac{90}{15} \div \frac{120}{15} \times \frac{6}{15} \div \frac{135}{15} \times \frac{15}{5} \div \frac{120}{15} \times \frac{10}{15} \div \frac{135}{15}$$

$$\div \frac{210}{15} \times \frac{15}{4} \div \frac{60}{15} \times \frac{9}{15} \div \frac{165}{15} \times \frac{15}{8} \times \frac{2}{15} \div \frac{165}{15} \div \frac{135}{15} \div \frac{210}{15}$$

$$\times \frac{14}{15} \times \frac{15}{2} \div \frac{210}{15} \div \frac{15}{15} \div \frac{30}{15} \times \frac{15}{3} \div \frac{105}{15} \times \frac{12}{15} \div \frac{75}{15} \times \frac{15}{13}$$

$$\div \frac{90}{15} \times \frac{10}{15} \times \frac{5}{15} \times \frac{15}{3} \times \frac{15}{10} \times \frac{15}{3} \div \frac{90}{15} \times \frac{15}{10} \times \frac{15}{5} \times \frac{15}{3}$$

$$\times \frac{11}{15} \times \frac{7}{15} \div \frac{105}{15} \div \frac{225}{15} \div \frac{75}{15} \div \frac{210}{15} \times \frac{6}{15} \div \frac{15}{15} \div \frac{120}{15} \times \frac{3}{15}$$

$$\times \frac{11}{15} \times \frac{14}{15} \times \frac{15}{14} \div \frac{30}{15} \div \frac{105}{15} \times \frac{15}{9} \div \frac{60}{15} \times \frac{4}{15} \div \frac{90}{15} \times \frac{15}{10}$$

$$\div \frac{90}{15} \times \frac{15}{7} \times \frac{15}{6} \div \frac{150}{15} \times \frac{15}{14} \times \frac{15}{4} \times \frac{7}{15} \times \frac{15}{13} \div \frac{105}{15} \div \frac{30}{15}$$

Opérations Mixtes (D)

Effectuez chaque opération.

$$\times \frac{15}{11} \times \frac{15}{8} \times \frac{1}{15} \div \frac{90}{15} \times \frac{13}{15} \times \frac{9}{15} \times \frac{15}{12} \times \frac{15}{12} \times \frac{15}{12} \div \frac{60}{15}$$

$$\div \frac{225}{15} \times \frac{13}{15} \div \frac{105}{15} \div \frac{45}{15} \div \frac{165}{15} \div \frac{150}{15} \div \frac{225}{15} \div \frac{210}{15} \div \frac{165}{15} \times \frac{15}{11}$$

$$\times \frac{9}{15} \div \frac{15}{15} \div \frac{195}{15} \times \frac{13}{15} \div \frac{150}{15} \times \frac{15}{15} \times \frac{2}{15} \times \frac{15}{9} \times \frac{11}{15} \times \frac{15}{9}$$

$$\div \frac{180}{15} \div \frac{150}{15} \div \frac{135}{15} \times \frac{15}{15} \times \frac{15}{15} \div \frac{195}{15} \times \frac{15}{15} \times \frac{2}{15} \div \frac{45}{15} \times \frac{15}{15}$$

$$\times \frac{1}{15} \times \frac{15}{9} \div \frac{75}{15} \div \frac{120}{15} \times \frac{15}{11} \times \frac{15}{15} \times \frac{15}{15} \times \frac{4}{15} \times \frac{11}{15} \times \frac{15}{6}$$

$$\div \frac{195}{15} \div \frac{195}{15} \div \frac{135}{15} \times \frac{9}{15} \times \frac{15}{3} \div \frac{225}{15} \div \frac{60}{15} \div \frac{150}{15} \div \frac{180}{15} \times \frac{15}{8}$$

$$\div \frac{60}{15} \div \frac{105}{15} \times \frac{4}{15} \div \frac{150}{15} \times \frac{13}{15} \div \frac{210}{15} \times \frac{10}{15} \times \frac{1}{15} \div \frac{210}{15} \div \frac{15}{15}$$

$$\times \frac{5}{15} \times \frac{13}{15} \div \frac{105}{15} \times \frac{15}{12} \div \frac{150}{15} \div \frac{225}{15} \div \frac{45}{15} \times \frac{15}{1} \div \frac{135}{15} \div \frac{165}{15}$$

$$\times \frac{15}{10} \div \frac{120}{15} \div \frac{120}{15} \times \frac{2}{15} \times \frac{13}{15} \times \frac{15}{12} \times \frac{10}{15} \div \frac{165}{15} \div \frac{165}{15} \times \frac{7}{15}$$

$$\times \frac{8}{15} \times \frac{15}{6} \times \frac{13}{15} \times \frac{15}{4} \times \frac{2}{15} \times \frac{7}{15} \div \frac{15}{15} \div \frac{120}{15} \div \frac{165}{15} \div \frac{165}{15} \times \frac{15}{8}$$

Opérations Mixtes Solutions (D)

Effectuez chaque opération.

$\times \frac{15}{11}$	$\times \frac{15}{8}$	$\times \frac{1}{15}$	$\div \frac{90}{15}$	$\times \frac{13}{15}$	$\times \frac{9}{15}$	$\times \frac{15}{12}$	$\times \frac{15}{12}$	$\times \frac{15}{12}$	$\div \frac{60}{15}$
165	120	15	6	195	135	180	180	180	4
$\div \frac{225}{15}$	$\times \frac{13}{15}$	$\div \frac{105}{15}$	$\div \frac{45}{15}$	$\div \frac{165}{15}$	$\div \frac{150}{15}$	$\div \frac{225}{15}$	$\div \frac{210}{15}$	$\div \frac{165}{15}$	$\times \frac{15}{11}$
15	195	7	3	11	10	15	14	11	165
$\times \frac{9}{15}$	$\div \frac{15}{15}$	$\div \frac{195}{15}$	$\times \frac{13}{15}$	$\div \frac{150}{15}$	$\times \frac{15}{15}$	$\times \frac{2}{15}$	$\times \frac{15}{9}$	$\times \frac{11}{15}$	$\times \frac{15}{9}$
135	1	13	195	10	225	30	135	165	135
$\div \frac{180}{15}$	$\div \frac{150}{15}$	$\div \frac{135}{15}$	$\times \frac{15}{15}$	$\times \frac{15}{15}$	$\div \frac{195}{15}$	$\times \frac{15}{15}$	$\times \frac{2}{15}$	$\div \frac{45}{15}$	$\times \frac{15}{15}$
12	10	9	225	225	13	225	30	3	225
$\times \frac{1}{15}$	$\times \frac{15}{9}$	$\div \frac{75}{15}$	$\div \frac{120}{15}$	$\times \frac{15}{11}$	$\times \frac{15}{15}$	$\times \frac{15}{15}$	$\times \frac{4}{15}$	$\times \frac{11}{15}$	$\times \frac{15}{6}$
15	135	5	8	165	225	225	60	165	90
$\div \frac{195}{15}$	$\div \frac{195}{15}$	$\div \frac{135}{15}$	$\times \frac{9}{15}$	$\times \frac{15}{3}$	$\div \frac{225}{15}$	$\div \frac{60}{15}$	$\div \frac{150}{15}$	$\div \frac{180}{15}$	$\times \frac{15}{8}$
13	13	9	135	45	15	4	10	12	120
$\div \frac{60}{15}$	$\div \frac{105}{15}$	$\times \frac{4}{15}$	$\div \frac{150}{15}$	$\times \frac{13}{15}$	$\div \frac{210}{15}$	$\times \frac{10}{15}$	$\times \frac{1}{15}$	$\div \frac{210}{15}$	$\div \frac{15}{15}$
4	7	60	10	195	14	150	15	14	1
$\times \frac{5}{15}$	$\times \frac{13}{15}$	$\div \frac{105}{15}$	$\times \frac{15}{12}$	$\div \frac{150}{15}$	$\div \frac{225}{15}$	$\div \frac{45}{15}$	$\times \frac{15}{1}$	$\div \frac{135}{15}$	$\div \frac{165}{15}$
75	195	7	180	10	15	3	15	9	11
$\times \frac{15}{10}$	$\div \frac{120}{15}$	$\div \frac{120}{15}$	$\times \frac{2}{15}$	$\times \frac{13}{15}$	$\times \frac{15}{12}$	$\times \frac{10}{15}$	$\div \frac{165}{15}$	$\div \frac{165}{15}$	$\times \frac{7}{15}$
150	8	8	30	195	180	150	11	11	105
$\times \frac{8}{15}$	$\times \frac{15}{6}$	$\times \frac{13}{15}$	$\times \frac{15}{4}$	$\times \frac{2}{15}$	$\times \frac{7}{15}$	$\div \frac{15}{15}$	$\div \frac{120}{15}$	$\div \frac{165}{15}$	$\times \frac{15}{8}$
120	90	195	60	30	105	1	8	11	120

Opérations Mixtes (E)

Effectuez chaque opération.

$$\times \frac{8}{15} \div \frac{30}{15} \div \frac{90}{15} \times \frac{15}{1} \div \frac{90}{15} \div \frac{45}{15} \times \frac{12}{15} \times \frac{15}{7} \div \frac{225}{15} \times \frac{5}{15}$$

$$\div \frac{60}{15} \times \frac{15}{9} \times \frac{15}{3} \times \frac{15}{6} \div \frac{225}{15} \div \frac{90}{15} \times \frac{1}{15} \div \frac{120}{15} \times \frac{14}{15} \times \frac{15}{4}$$

$$\times \frac{15}{12} \times \frac{15}{10} \div \frac{225}{15} \div \frac{210}{15} \times \frac{15}{5} \times \frac{11}{15} \times \frac{12}{15} \div \frac{90}{15} \div \frac{210}{15} \div \frac{45}{15}$$

$$\times \frac{15}{2} \div \frac{30}{15} \div \frac{120}{15} \times \frac{15}{11} \div \frac{90}{15} \times \frac{8}{15} \times \frac{15}{4} \times \frac{15}{10} \div \frac{120}{15} \div \frac{165}{15}$$

$$\div \frac{180}{15} \times \frac{11}{15} \div \frac{180}{15} \times \frac{14}{15} \div \frac{45}{15} \times \frac{15}{6} \div \frac{60}{15} \div \frac{90}{15} \div \frac{210}{15} \times \frac{15}{7}$$

$$\times \frac{13}{15} \times \frac{15}{3} \div \frac{30}{15} \times \frac{8}{15} \times \frac{15}{5} \times \frac{5}{15} \times \frac{15}{5} \div \frac{180}{15} \times \frac{15}{7} \times \frac{15}{10}$$

$$\div \frac{45}{15} \times \frac{15}{7} \div \frac{195}{15} \times \frac{1}{15} \div \frac{15}{15} \times \frac{15}{11} \div \frac{15}{15} \div \frac{45}{15} \div \frac{150}{15} \div \frac{75}{15}$$

$$\times \frac{15}{4} \times \frac{15}{6} \times \frac{15}{1} \times \frac{5}{15} \times \frac{9}{15} \div \frac{75}{15} \div \frac{120}{15} \times \frac{10}{15} \div \frac{150}{15} \times \frac{15}{9}$$

$$\div \frac{105}{15} \times \frac{15}{5} \times \frac{15}{14} \div \frac{195}{15} \div \frac{150}{15} \times \frac{7}{15} \times \frac{15}{11} \times \frac{14}{15} \div \frac{150}{15} \times \frac{15}{9}$$

$$\div \frac{165}{15} \div \frac{90}{15} \div \frac{90}{15} \div \frac{45}{15} \div \frac{45}{15} \times \frac{15}{12} \div \frac{150}{15} \times \frac{3}{15} \times \frac{15}{2} \times \frac{15}{3}$$

Opérations Mixtes Solutions (E)

Effectuez chaque opération.

$\times \frac{8}{15}$	$\div \frac{30}{15}$	$\div \frac{90}{15}$	$\times \frac{15}{1}$	$\div \frac{90}{15}$	$\div \frac{45}{15}$	$\times \frac{12}{15}$	$\times \frac{15}{7}$	$\div \frac{225}{15}$	$\times \frac{5}{15}$
120	2	6	15	6	3	180	105	15	75
$\div \frac{60}{15}$	$\times \frac{15}{9}$	$\times \frac{15}{3}$	$\times \frac{15}{6}$	$\div \frac{225}{15}$	$\div \frac{90}{15}$	$\times \frac{1}{15}$	$\div \frac{120}{15}$	$\times \frac{14}{15}$	$\times \frac{15}{4}$
4	135	45	90	15	6	15	8	210	60
$\times \frac{15}{12}$	$\times \frac{15}{10}$	$\div \frac{225}{15}$	$\div \frac{210}{15}$	$\times \frac{15}{5}$	$\times \frac{11}{15}$	$\times \frac{12}{15}$	$\div \frac{90}{15}$	$\div \frac{210}{15}$	$\div \frac{45}{15}$
180	150	15	14	75	165	180	6	14	3
$\times \frac{15}{2}$	$\div \frac{30}{15}$	$\div \frac{120}{15}$	$\times \frac{15}{11}$	$\div \frac{90}{15}$	$\times \frac{8}{15}$	$\times \frac{15}{4}$	$\times \frac{15}{10}$	$\div \frac{120}{15}$	$\div \frac{165}{15}$
30	2	8	165	6	120	60	150	8	11
$\div \frac{180}{15}$	$\times \frac{11}{15}$	$\div \frac{180}{15}$	$\times \frac{14}{15}$	$\div \frac{45}{15}$	$\times \frac{15}{6}$	$\div \frac{60}{15}$	$\div \frac{90}{15}$	$\div \frac{210}{15}$	$\times \frac{15}{7}$
12	165	12	210	3	90	4	6	14	105
$\times \frac{13}{15}$	$\times \frac{15}{3}$	$\div \frac{30}{15}$	$\times \frac{8}{15}$	$\times \frac{15}{5}$	$\times \frac{5}{15}$	$\times \frac{15}{5}$	$\div \frac{180}{15}$	$\times \frac{15}{7}$	$\times \frac{15}{10}$
195	45	2	120	75	75	75	12	105	150
$\div \frac{45}{15}$	$\times \frac{15}{7}$	$\div \frac{195}{15}$	$\times \frac{1}{15}$	$\div \frac{15}{15}$	$\times \frac{15}{11}$	$\div \frac{15}{15}$	$\div \frac{45}{15}$	$\div \frac{150}{15}$	$\div \frac{75}{15}$
3	105	13	15	1	165	1	3	10	5
$\times \frac{15}{4}$	$\times \frac{15}{6}$	$\times \frac{15}{1}$	$\times \frac{5}{15}$	$\times \frac{9}{15}$	$\div \frac{75}{15}$	$\div \frac{120}{15}$	$\times \frac{10}{15}$	$\div \frac{150}{15}$	$\times \frac{15}{9}$
60	90	15	75	135	5	8	150	10	135
$\div \frac{105}{15}$	$\times \frac{15}{5}$	$\times \frac{15}{14}$	$\div \frac{195}{15}$	$\div \frac{150}{15}$	$\times \frac{7}{15}$	$\times \frac{15}{11}$	$\times \frac{14}{15}$	$\div \frac{150}{15}$	$\times \frac{15}{9}$
7	75	210	13	10	105	165	210	10	135
$\div \frac{165}{15}$	$\div \frac{90}{15}$	$\div \frac{90}{15}$	$\div \frac{45}{15}$	$\div \frac{45}{15}$	$\times \frac{15}{12}$	$\div \frac{150}{15}$	$\times \frac{3}{15}$	$\times \frac{15}{2}$	$\times \frac{15}{3}$
11	6	6	3	3	180	10	45	30	45

Opérations Mixtes (F)

Effectuez chaque opération.

$$\div \frac{135}{15} \times \frac{15}{1} \times \frac{1}{15} \times \frac{9}{15} \div \frac{105}{15} \times \frac{11}{15} \div \frac{135}{15} \div \frac{105}{15} \times \frac{15}{4} \times \frac{10}{15}$$

$$\div \frac{45}{15} \times \frac{3}{15} \times \frac{9}{15} \times \frac{15}{15} \times \frac{11}{15} \div \frac{105}{15} \times \frac{15}{13} \div \frac{165}{15} \times \frac{15}{9} \times \frac{15}{4}$$

$$\div \frac{45}{15} \times \frac{11}{15} \times \frac{15}{7} \div \frac{105}{15} \times \frac{15}{10} \div \frac{135}{15} \times \frac{11}{15} \times \frac{15}{13} \times \frac{15}{1} \times \frac{5}{15}$$

$$\div \frac{225}{15} \times \frac{15}{9} \div \frac{225}{15} \div \frac{180}{15} \times \frac{15}{11} \div \frac{225}{15} \times \frac{6}{15} \times \frac{3}{15} \div \frac{225}{15} \div \frac{135}{15}$$

$$\div \frac{195}{15} \times \frac{3}{15} \times \frac{12}{15} \div \frac{150}{15} \div \frac{105}{15} \times \frac{5}{15} \div \frac{150}{15} \times \frac{15}{2} \div \frac{210}{15} \times \frac{15}{15}$$

$$\div \frac{210}{15} \times \frac{15}{10} \div \frac{30}{15} \times \frac{1}{15} \div \frac{180}{15} \times \frac{15}{14} \times \frac{15}{4} \times \frac{5}{15} \times \frac{15}{2} \div \frac{30}{15}$$

$$\div \frac{60}{15} \times \frac{15}{4} \div \frac{105}{15} \div \frac{150}{15} \times \frac{15}{12} \times \frac{3}{15} \times \frac{6}{15} \div \frac{15}{15} \times \frac{3}{15} \div \frac{75}{15}$$

$$\div \frac{30}{15} \div \frac{60}{15} \div \frac{75}{15} \div \frac{150}{15} \times \frac{14}{15} \div \frac{195}{15} \times \frac{9}{15} \div \frac{90}{15} \times \frac{12}{15} \times \frac{15}{15}$$

$$\div \frac{90}{15} \div \frac{75}{15} \times \frac{8}{15} \div \frac{195}{15} \div \frac{75}{15} \div \frac{195}{15} \times \frac{15}{13} \times \frac{8}{15} \times \frac{5}{15} \times \frac{15}{15}$$

$$\div \frac{225}{15} \div \frac{165}{15} \times \frac{15}{15} \times \frac{15}{2} \div \frac{225}{15} \times \frac{13}{15} \div \frac{75}{15} \div \frac{105}{15} \div \frac{150}{15} \times \frac{15}{4}$$

Opérations Mixtes Solutions (F)

Effectuez chaque opération.

$$\begin{array}{cccccccccccc} \div & \frac{135}{15} & \times & \frac{15}{1} & \times & \frac{1}{15} & \times & \frac{9}{15} & \div & \frac{105}{15} & \times & \frac{11}{15} & \div & \frac{135}{15} & \div & \frac{105}{15} & \times & \frac{15}{4} & \times & \frac{10}{15} \\ & 9 & & 15 & & 15 & & 135 & & 7 & & 165 & & 9 & & 7 & & 60 & & 150 \end{array}$$

$$\begin{array}{cccccccccccc} \div & \frac{45}{15} & \times & \frac{3}{15} & \times & \frac{9}{15} & \times & \frac{15}{15} & \times & \frac{11}{15} & \div & \frac{105}{15} & \times & \frac{15}{13} & \div & \frac{165}{15} & \times & \frac{15}{9} & \times & \frac{15}{4} \\ & 3 & & 45 & & 135 & & 225 & & 165 & & 7 & & 195 & & 11 & & 135 & & 60 \end{array}$$

$$\begin{array}{cccccccccccc} \div & \frac{45}{15} & \times & \frac{11}{15} & \times & \frac{15}{7} & \div & \frac{105}{15} & \times & \frac{15}{10} & \div & \frac{135}{15} & \times & \frac{11}{15} & \times & \frac{15}{13} & \times & \frac{15}{1} & \times & \frac{5}{15} \\ & 3 & & 165 & & 105 & & 7 & & 150 & & 9 & & 165 & & 195 & & 15 & & 75 \end{array}$$

$$\begin{array}{cccccccccccc} \div & \frac{225}{15} & \times & \frac{15}{9} & \div & \frac{225}{15} & \div & \frac{180}{15} & \times & \frac{15}{11} & \div & \frac{225}{15} & \times & \frac{6}{15} & \times & \frac{3}{15} & \div & \frac{225}{15} & \div & \frac{135}{15} \\ & 15 & & 135 & & 15 & & 12 & & 165 & & 15 & & 90 & & 45 & & 15 & & 9 \end{array}$$

$$\begin{array}{cccccccccccc} \div & \frac{195}{15} & \times & \frac{3}{15} & \times & \frac{12}{15} & \div & \frac{150}{15} & \div & \frac{105}{15} & \times & \frac{5}{15} & \div & \frac{150}{15} & \times & \frac{15}{2} & \div & \frac{210}{15} & \times & \frac{15}{15} \\ & 13 & & 45 & & 180 & & 10 & & 7 & & 75 & & 10 & & 30 & & 14 & & 225 \end{array}$$

$$\begin{array}{cccccccccccc} \div & \frac{210}{15} & \times & \frac{15}{10} & \div & \frac{30}{15} & \times & \frac{1}{15} & \div & \frac{180}{15} & \times & \frac{15}{14} & \times & \frac{15}{4} & \times & \frac{5}{15} & \times & \frac{15}{2} & \div & \frac{30}{15} \\ & 14 & & 150 & & 2 & & 15 & & 12 & & 210 & & 60 & & 75 & & 30 & & 2 \end{array}$$

$$\begin{array}{cccccccccccc} \div & \frac{60}{15} & \times & \frac{15}{4} & \div & \frac{105}{15} & \div & \frac{150}{15} & \times & \frac{15}{12} & \times & \frac{3}{15} & \times & \frac{6}{15} & \div & \frac{15}{15} & \times & \frac{3}{15} & \div & \frac{75}{15} \\ & 4 & & 60 & & 7 & & 10 & & 180 & & 45 & & 90 & & 1 & & 45 & & 5 \end{array}$$

$$\begin{array}{cccccccccccc} \div & \frac{30}{15} & \div & \frac{60}{15} & \div & \frac{75}{15} & \div & \frac{150}{15} & \times & \frac{14}{15} & \div & \frac{195}{15} & \times & \frac{9}{15} & \div & \frac{90}{15} & \times & \frac{12}{15} & \times & \frac{15}{15} \\ & 2 & & 4 & & 5 & & 10 & & 210 & & 13 & & 135 & & 6 & & 180 & & 225 \end{array}$$

$$\begin{array}{cccccccccccc} \div & \frac{90}{15} & \div & \frac{75}{15} & \times & \frac{8}{15} & \div & \frac{195}{15} & \div & \frac{75}{15} & \div & \frac{195}{15} & \times & \frac{15}{13} & \times & \frac{8}{15} & \times & \frac{5}{15} & \times & \frac{15}{15} \\ & 6 & & 5 & & 120 & & 13 & & 5 & & 13 & & 195 & & 120 & & 75 & & 225 \end{array}$$

$$\begin{array}{cccccccccccc} \div & \frac{225}{15} & \div & \frac{165}{15} & \times & \frac{15}{15} & \times & \frac{15}{2} & \div & \frac{225}{15} & \times & \frac{13}{15} & \div & \frac{75}{15} & \div & \frac{105}{15} & \div & \frac{150}{15} & \times & \frac{15}{4} \\ & 15 & & 11 & & 225 & & 30 & & 15 & & 195 & & 5 & & 7 & & 10 & & 60 \end{array}$$

Opérations Mixtes (G)

Effectuez chaque opération.

$$\div \frac{225}{15} \times \frac{10}{15} \times \frac{15}{11} \div \frac{60}{15} \div \frac{195}{15} \div \frac{180}{15} \div \frac{30}{15} \div \frac{60}{15} \div \frac{165}{15} \div \frac{225}{15}$$

$$\times \frac{10}{15} \times \frac{15}{12} \div \frac{150}{15} \div \frac{135}{15} \div \frac{120}{15} \times \frac{15}{15} \times \frac{15}{5} \times \frac{15}{4} \div \frac{150}{15} \times \frac{15}{8}$$

$$\div \frac{135}{15} \times \frac{15}{13} \div \frac{75}{15} \div \frac{120}{15} \div \frac{150}{15} \times \frac{3}{15} \times \frac{15}{12} \times \frac{13}{15} \div \frac{150}{15} \times \frac{15}{11}$$

$$\div \frac{15}{15} \times \frac{5}{15} \times \frac{15}{1} \div \frac{135}{15} \times \frac{7}{15} \times \frac{15}{3} \div \frac{120}{15} \times \frac{13}{15} \div \frac{225}{15} \times \frac{8}{15}$$

$$\times \frac{15}{11} \div \frac{60}{15} \div \frac{30}{15} \div \frac{105}{15} \div \frac{30}{15} \div \frac{195}{15} \times \frac{4}{15} \div \frac{180}{15} \div \frac{135}{15} \div \frac{60}{15}$$

$$\times \frac{9}{15} \times \frac{15}{8} \div \frac{180}{15} \times \frac{8}{15} \div \frac{75}{15} \times \frac{15}{9} \times \frac{15}{15} \div \frac{165}{15} \times \frac{15}{5} \times \frac{15}{14}$$

$$\div \frac{75}{15} \times \frac{15}{7} \div \frac{45}{15} \times \frac{15}{5} \times \frac{15}{3} \times \frac{9}{15} \times \frac{15}{4} \times \frac{15}{2} \times \frac{15}{14} \div \frac{105}{15}$$

$$\div \frac{15}{15} \times \frac{15}{7} \div \frac{15}{15} \div \frac{45}{15} \times \frac{3}{15} \div \frac{45}{15} \div \frac{165}{15} \div \frac{180}{15} \times \frac{6}{15} \div \frac{45}{15}$$

$$\times \frac{15}{8} \times \frac{12}{15} \div \frac{165}{15} \div \frac{210}{15} \times \frac{9}{15} \div \frac{180}{15} \div \frac{120}{15} \div \frac{120}{15} \div \frac{210}{15} \div \frac{210}{15}$$

$$\times \frac{13}{15} \div \frac{150}{15} \times \frac{15}{14} \div \frac{195}{15} \div \frac{30}{15} \times \frac{7}{15} \div \frac{210}{15} \div \frac{75}{15} \times \frac{15}{7} \div \frac{90}{15}$$

Opérations Mixtes Solutions (G)

Effectuez chaque opération.

$$\begin{array}{cccccccccccc} \div & \frac{225}{15} & \times & \frac{10}{15} & \times & \frac{15}{11} & \div & \frac{60}{15} & \div & \frac{195}{15} & \div & \frac{180}{15} & \div & \frac{30}{15} & \div & \frac{60}{15} & \div & \frac{165}{15} & \div & \frac{225}{15} \\ & 15 & & 150 & & 165 & & 4 & & 13 & & 12 & & 2 & & 4 & & 11 & & 15 \end{array}$$

$$\begin{array}{cccccccccccc} \times & \frac{10}{15} & \times & \frac{15}{12} & \div & \frac{150}{15} & \div & \frac{135}{15} & \div & \frac{120}{15} & \times & \frac{15}{15} & \times & \frac{15}{5} & \times & \frac{15}{4} & \div & \frac{150}{15} & \times & \frac{15}{8} \\ & 150 & & 180 & & 10 & & 9 & & 8 & & 225 & & 75 & & 60 & & 10 & & 120 \end{array}$$

$$\begin{array}{cccccccccccc} \div & \frac{135}{15} & \times & \frac{15}{13} & \div & \frac{75}{15} & \div & \frac{120}{15} & \div & \frac{150}{15} & \times & \frac{3}{15} & \times & \frac{15}{12} & \times & \frac{13}{15} & \div & \frac{150}{15} & \times & \frac{15}{11} \\ & 9 & & 195 & & 5 & & 8 & & 10 & & 45 & & 180 & & 195 & & 10 & & 165 \end{array}$$

$$\begin{array}{cccccccccccc} \div & \frac{15}{15} & \times & \frac{5}{15} & \times & \frac{15}{1} & \div & \frac{135}{15} & \times & \frac{7}{15} & \times & \frac{15}{3} & \div & \frac{120}{15} & \times & \frac{13}{15} & \div & \frac{225}{15} & \times & \frac{8}{15} \\ & 1 & & 75 & & 15 & & 9 & & 105 & & 45 & & 8 & & 195 & & 15 & & 120 \end{array}$$

$$\begin{array}{cccccccccccc} \times & \frac{15}{11} & \div & \frac{60}{15} & \div & \frac{30}{15} & \div & \frac{105}{15} & \div & \frac{30}{15} & \div & \frac{195}{15} & \times & \frac{4}{15} & \div & \frac{180}{15} & \div & \frac{135}{15} & \div & \frac{60}{15} \\ & 165 & & 4 & & 2 & & 7 & & 2 & & 13 & & 60 & & 12 & & 9 & & 4 \end{array}$$

$$\begin{array}{cccccccccccc} \times & \frac{9}{15} & \times & \frac{15}{8} & \div & \frac{180}{15} & \times & \frac{8}{15} & \div & \frac{75}{15} & \times & \frac{15}{9} & \times & \frac{15}{15} & \div & \frac{165}{15} & \times & \frac{15}{5} & \times & \frac{15}{14} \\ & 135 & & 120 & & 12 & & 120 & & 5 & & 135 & & 225 & & 11 & & 75 & & 210 \end{array}$$

$$\begin{array}{cccccccccccc} \div & \frac{75}{15} & \times & \frac{15}{7} & \div & \frac{45}{15} & \times & \frac{15}{5} & \times & \frac{15}{3} & \times & \frac{9}{15} & \times & \frac{15}{4} & \times & \frac{15}{2} & \times & \frac{15}{14} & \div & \frac{105}{15} \\ & 5 & & 105 & & 3 & & 75 & & 45 & & 135 & & 60 & & 30 & & 210 & & 7 \end{array}$$

$$\begin{array}{cccccccccccc} \div & \frac{15}{15} & \times & \frac{15}{7} & \div & \frac{15}{15} & \div & \frac{45}{15} & \times & \frac{3}{15} & \div & \frac{45}{15} & \div & \frac{165}{15} & \div & \frac{180}{15} & \times & \frac{6}{15} & \div & \frac{45}{15} \\ & 1 & & 105 & & 1 & & 3 & & 45 & & 3 & & 11 & & 12 & & 90 & & 3 \end{array}$$

$$\begin{array}{cccccccccccc} \times & \frac{15}{8} & \times & \frac{12}{15} & \div & \frac{165}{15} & \div & \frac{210}{15} & \times & \frac{9}{15} & \div & \frac{180}{15} & \div & \frac{120}{15} & \div & \frac{120}{15} & \div & \frac{210}{15} & \div & \frac{210}{15} \\ & 120 & & 180 & & 11 & & 14 & & 135 & & 12 & & 8 & & 8 & & 14 & & 14 \end{array}$$

$$\begin{array}{cccccccccccc} \times & \frac{13}{15} & \div & \frac{150}{15} & \times & \frac{15}{14} & \div & \frac{195}{15} & \div & \frac{30}{15} & \times & \frac{7}{15} & \div & \frac{210}{15} & \div & \frac{75}{15} & \times & \frac{15}{7} & \div & \frac{90}{15} \\ & 195 & & 10 & & 210 & & 13 & & 2 & & 105 & & 14 & & 5 & & 105 & & 6 \end{array}$$

Opérations Mixtes (H)

Effectuez chaque opération.

$$\div \frac{75}{15} \times \frac{15}{13} \times \frac{3}{15} \div \frac{60}{15} \div \frac{75}{15} \times \frac{9}{15} \times \frac{10}{15} \div \frac{150}{15} \div \frac{165}{15} \div \frac{180}{15}$$

$$\div \frac{120}{15} \div \frac{120}{15} \div \frac{210}{15} \div \frac{30}{15} \times \frac{15}{1} \div \frac{165}{15} \div \frac{195}{15} \times \frac{15}{13} \times \frac{9}{15} \div \frac{75}{15}$$

$$\div \frac{165}{15} \times \frac{8}{15} \div \frac{120}{15} \times \frac{8}{15} \div \frac{60}{15} \times \frac{15}{6} \times \frac{15}{10} \div \frac{120}{15} \times \frac{2}{15} \div \frac{30}{15}$$

$$\div \frac{150}{15} \times \frac{7}{15} \div \frac{165}{15} \div \frac{195}{15} \div \frac{30}{15} \div \frac{135}{15} \times \frac{11}{15} \div \frac{60}{15} \times \frac{15}{1} \times \frac{4}{15}$$

$$\div \frac{75}{15} \times \frac{14}{15} \div \frac{105}{15} \times \frac{15}{2} \div \frac{120}{15} \div \frac{195}{15} \times \frac{12}{15} \div \frac{225}{15} \times \frac{7}{15} \div \frac{180}{15}$$

$$\times \frac{4}{15} \div \frac{210}{15} \times \frac{15}{14} \div \frac{60}{15} \times \frac{15}{6} \div \frac{150}{15} \times \frac{9}{15} \times \frac{15}{4} \times \frac{15}{2} \div \frac{135}{15}$$

$$\div \frac{195}{15} \times \frac{9}{15} \times \frac{15}{9} \times \frac{14}{15} \times \frac{13}{15} \times \frac{15}{4} \times \frac{4}{15} \times \frac{3}{15} \div \frac{45}{15} \times \frac{15}{15}$$

$$\div \frac{105}{15} \times \frac{4}{15} \times \frac{15}{11} \div \frac{225}{15} \times \frac{15}{4} \times \frac{5}{15} \times \frac{14}{15} \div \frac{225}{15} \div \frac{45}{15} \times \frac{15}{15}$$

$$\times \frac{15}{15} \times \frac{4}{15} \div \frac{60}{15} \div \frac{120}{15} \times \frac{15}{10} \times \frac{15}{4} \div \frac{150}{15} \div \frac{60}{15} \div \frac{210}{15} \times \frac{5}{15}$$

$$\div \frac{30}{15} \times \frac{4}{15} \times \frac{2}{15} \div \frac{210}{15} \times \frac{15}{2} \times \frac{12}{15} \div \frac{45}{15} \times \frac{4}{15} \times \frac{15}{8} \times \frac{8}{15}$$

Opérations Mixtes Solutions (H)

Effectuez chaque opération.

$$\begin{array}{cccccccccc} \div & \frac{75}{15} & \times & \frac{15}{13} & \times & \frac{3}{15} & \div & \frac{60}{15} & \div & \frac{75}{15} & \times & \frac{9}{15} & \times & \frac{10}{15} & \div & \frac{150}{15} & \div & \frac{165}{15} & \div & \frac{180}{15} \\ & 5 & & 195 & & 45 & & 4 & & 5 & & 135 & & 150 & & 10 & & 11 & & 12 \end{array}$$

$$\begin{array}{cccccccccc} \div & \frac{120}{15} & \div & \frac{120}{15} & \div & \frac{210}{15} & \div & \frac{30}{15} & \times & \frac{15}{1} & \div & \frac{165}{15} & \div & \frac{195}{15} & \times & \frac{15}{13} & \times & \frac{9}{15} & \div & \frac{75}{15} \\ & 8 & & 8 & & 14 & & 2 & & 15 & & 11 & & 13 & & 195 & & 135 & & 5 \end{array}$$

$$\begin{array}{cccccccccc} \div & \frac{165}{15} & \times & \frac{8}{15} & \div & \frac{120}{15} & \times & \frac{8}{15} & \div & \frac{60}{15} & \times & \frac{15}{6} & \times & \frac{15}{10} & \div & \frac{120}{15} & \times & \frac{2}{15} & \div & \frac{30}{15} \\ & 11 & & 120 & & 8 & & 120 & & 4 & & 90 & & 150 & & 8 & & 30 & & 2 \end{array}$$

$$\begin{array}{cccccccccc} \div & \frac{150}{15} & \times & \frac{7}{15} & \div & \frac{165}{15} & \div & \frac{195}{15} & \div & \frac{30}{15} & \div & \frac{135}{15} & \times & \frac{11}{15} & \div & \frac{60}{15} & \times & \frac{15}{1} & \times & \frac{4}{15} \\ & 10 & & 105 & & 11 & & 13 & & 2 & & 9 & & 165 & & 4 & & 15 & & 60 \end{array}$$

$$\begin{array}{cccccccccc} \div & \frac{75}{15} & \times & \frac{14}{15} & \div & \frac{105}{15} & \times & \frac{15}{2} & \div & \frac{120}{15} & \div & \frac{195}{15} & \times & \frac{12}{15} & \div & \frac{225}{15} & \times & \frac{7}{15} & \div & \frac{180}{15} \\ & 5 & & 210 & & 7 & & 30 & & 8 & & 13 & & 180 & & 15 & & 105 & & 12 \end{array}$$

$$\begin{array}{cccccccccc} \times & \frac{4}{15} & \div & \frac{210}{15} & \times & \frac{15}{14} & \div & \frac{60}{15} & \times & \frac{15}{6} & \div & \frac{150}{15} & \times & \frac{9}{15} & \times & \frac{15}{4} & \times & \frac{15}{2} & \div & \frac{135}{15} \\ & 60 & & 14 & & 210 & & 4 & & 90 & & 10 & & 135 & & 60 & & 30 & & 9 \end{array}$$

$$\begin{array}{cccccccccc} \div & \frac{195}{15} & \times & \frac{9}{15} & \times & \frac{15}{9} & \times & \frac{14}{15} & \times & \frac{13}{15} & \times & \frac{15}{4} & \times & \frac{4}{15} & \times & \frac{3}{15} & \div & \frac{45}{15} & \times & \frac{15}{15} \\ & 13 & & 135 & & 135 & & 210 & & 195 & & 60 & & 60 & & 45 & & 3 & & 225 \end{array}$$

$$\begin{array}{cccccccccc} \div & \frac{105}{15} & \times & \frac{4}{15} & \times & \frac{15}{11} & \div & \frac{225}{15} & \times & \frac{15}{4} & \times & \frac{5}{15} & \times & \frac{14}{15} & \div & \frac{225}{15} & \div & \frac{45}{15} & \times & \frac{15}{15} \\ & 7 & & 60 & & 165 & & 15 & & 60 & & 75 & & 210 & & 15 & & 3 & & 225 \end{array}$$

$$\begin{array}{cccccccccc} \times & \frac{15}{15} & \times & \frac{4}{15} & \div & \frac{60}{15} & \div & \frac{120}{15} & \times & \frac{15}{10} & \times & \frac{15}{4} & \div & \frac{150}{15} & \div & \frac{60}{15} & \div & \frac{210}{15} & \times & \frac{5}{15} \\ & 225 & & 60 & & 4 & & 8 & & 150 & & 60 & & 10 & & 4 & & 14 & & 75 \end{array}$$

$$\begin{array}{cccccccccc} \div & \frac{30}{15} & \times & \frac{4}{15} & \times & \frac{2}{15} & \div & \frac{210}{15} & \times & \frac{15}{2} & \times & \frac{12}{15} & \div & \frac{45}{15} & \times & \frac{4}{15} & \times & \frac{15}{8} & \times & \frac{8}{15} \\ & 2 & & 60 & & 30 & & 14 & & 30 & & 180 & & 3 & & 60 & & 120 & & 120 \end{array}$$

Opérations Mixtes (I)

Effectuez chaque opération.

$$\times \frac{4}{15} \times \frac{15}{15} \times \frac{15}{14} \times \frac{15}{15} \div \frac{45}{15} \times \frac{4}{15} \div \frac{75}{15} \times \frac{15}{2} \times \frac{15}{13} \div \frac{90}{15}$$

$$\div \frac{75}{15} \div \frac{45}{15} \times \frac{15}{5} \times \frac{15}{3} \div \frac{105}{15} \div \frac{195}{15} \times \frac{15}{6} \times \frac{15}{7} \div \frac{210}{15} \div \frac{45}{15}$$

$$\times \frac{5}{15} \times \frac{15}{3} \times \frac{15}{15} \times \frac{15}{3} \div \frac{135}{15} \times \frac{10}{15} \times \frac{4}{15} \times \frac{15}{13} \times \frac{15}{13} \div \frac{195}{15}$$

$$\times \frac{2}{15} \div \frac{45}{15} \div \frac{30}{15} \times \frac{15}{4} \div \frac{120}{15} \div \frac{15}{15} \times \frac{15}{5} \div \frac{105}{15} \div \frac{210}{15} \times \frac{15}{5}$$

$$\div \frac{60}{15} \div \frac{105}{15} \times \frac{15}{11} \div \frac{165}{15} \div \frac{165}{15} \div \frac{120}{15} \div \frac{225}{15} \times \frac{15}{12} \times \frac{15}{7} \div \frac{225}{15}$$

$$\div \frac{210}{15} \div \frac{75}{15} \times \frac{15}{4} \times \frac{15}{15} \div \frac{210}{15} \div \frac{75}{15} \times \frac{1}{15} \times \frac{15}{13} \div \frac{45}{15} \div \frac{225}{15}$$

$$\div \frac{15}{15} \div \frac{210}{15} \times \frac{15}{7} \div \frac{165}{15} \div \frac{180}{15} \div \frac{30}{15} \times \frac{15}{13} \div \frac{45}{15} \times \frac{15}{9} \div \frac{225}{15}$$

$$\div \frac{45}{15} \times \frac{15}{12} \div \frac{165}{15} \times \frac{15}{15} \div \frac{90}{15} \times \frac{12}{15} \times \frac{2}{15} \times \frac{1}{15} \times \frac{8}{15} \div \frac{45}{15}$$

$$\div \frac{105}{15} \times \frac{15}{4} \times \frac{8}{15} \div \frac{135}{15} \div \frac{75}{15} \div \frac{150}{15} \times \frac{15}{15} \times \frac{15}{11} \div \frac{15}{15} \times \frac{15}{9}$$

$$\div \frac{195}{15} \times \frac{4}{15} \div \frac{225}{15} \times \frac{2}{15} \div \frac{210}{15} \times \frac{8}{15} \times \frac{15}{1} \times \frac{15}{1} \div \frac{165}{15} \times \frac{15}{3}$$

Opérations Mixtes Solutions (I)

Effectuez chaque opération.

$\times \frac{4}{15}$	$\times \frac{15}{15}$	$\times \frac{15}{14}$	$\times \frac{15}{15}$	$\div \frac{45}{15}$	$\times \frac{4}{15}$	$\div \frac{75}{15}$	$\times \frac{15}{2}$	$\times \frac{15}{13}$	$\div \frac{90}{15}$
60	225	210	225	3	60	5	30	195	6
$\div \frac{75}{15}$	$\div \frac{45}{15}$	$\times \frac{15}{5}$	$\times \frac{15}{3}$	$\div \frac{105}{15}$	$\div \frac{195}{15}$	$\times \frac{15}{6}$	$\times \frac{15}{7}$	$\div \frac{210}{15}$	$\div \frac{45}{15}$
5	3	75	45	7	13	90	105	14	3
$\times \frac{5}{15}$	$\times \frac{15}{3}$	$\times \frac{15}{15}$	$\times \frac{15}{3}$	$\div \frac{135}{15}$	$\times \frac{10}{15}$	$\times \frac{4}{15}$	$\times \frac{15}{13}$	$\times \frac{15}{13}$	$\div \frac{195}{15}$
75	45	225	45	9	150	60	195	195	13
$\times \frac{2}{15}$	$\div \frac{45}{15}$	$\div \frac{30}{15}$	$\times \frac{15}{4}$	$\div \frac{120}{15}$	$\div \frac{15}{15}$	$\times \frac{15}{5}$	$\div \frac{105}{15}$	$\div \frac{210}{15}$	$\times \frac{15}{5}$
30	3	2	60	8	1	75	7	14	75
$\div \frac{60}{15}$	$\div \frac{105}{15}$	$\times \frac{15}{11}$	$\div \frac{165}{15}$	$\div \frac{165}{15}$	$\div \frac{120}{15}$	$\div \frac{225}{15}$	$\times \frac{15}{12}$	$\times \frac{15}{7}$	$\div \frac{225}{15}$
4	7	165	11	11	8	15	180	105	15
$\div \frac{210}{15}$	$\div \frac{75}{15}$	$\times \frac{15}{4}$	$\times \frac{15}{15}$	$\div \frac{210}{15}$	$\div \frac{75}{15}$	$\times \frac{1}{15}$	$\times \frac{15}{13}$	$\div \frac{45}{15}$	$\div \frac{225}{15}$
14	5	60	225	14	5	15	195	3	15
$\div \frac{15}{15}$	$\div \frac{210}{15}$	$\times \frac{15}{7}$	$\div \frac{165}{15}$	$\div \frac{180}{15}$	$\div \frac{30}{15}$	$\times \frac{15}{13}$	$\div \frac{45}{15}$	$\times \frac{15}{9}$	$\div \frac{225}{15}$
1	14	105	11	12	2	195	3	135	15
$\div \frac{45}{15}$	$\times \frac{15}{12}$	$\div \frac{165}{15}$	$\times \frac{15}{15}$	$\div \frac{90}{15}$	$\times \frac{12}{15}$	$\times \frac{2}{15}$	$\times \frac{1}{15}$	$\times \frac{8}{15}$	$\div \frac{45}{15}$
3	180	11	225	6	180	30	15	120	3
$\div \frac{105}{15}$	$\times \frac{15}{4}$	$\times \frac{8}{15}$	$\div \frac{135}{15}$	$\div \frac{75}{15}$	$\div \frac{150}{15}$	$\times \frac{15}{15}$	$\times \frac{15}{11}$	$\div \frac{15}{15}$	$\times \frac{15}{9}$
7	60	120	9	5	10	225	165	1	135
$\div \frac{195}{15}$	$\times \frac{4}{15}$	$\div \frac{225}{15}$	$\times \frac{2}{15}$	$\div \frac{210}{15}$	$\times \frac{8}{15}$	$\times \frac{15}{1}$	$\times \frac{15}{1}$	$\div \frac{165}{15}$	$\times \frac{15}{3}$
13	60	15	30	14	120	15	15	11	45

Opérations Mixtes (J)

Effectuez chaque opération.

$$\div \frac{90}{15} \div \frac{150}{15} \div \frac{135}{15} \div \frac{165}{15} \div \frac{15}{15} \div \frac{225}{15} \times \frac{6}{15} \times \frac{15}{4} \times \frac{15}{6} \div \frac{60}{15}$$

$$\times \frac{10}{15} \div \frac{210}{15} \times \frac{1}{15} \times \frac{8}{15} \div \frac{150}{15} \times \frac{15}{9} \times \frac{5}{15} \times \frac{15}{15} \times \frac{15}{8} \div \frac{195}{15}$$

$$\times \frac{15}{9} \times \frac{15}{14} \times \frac{11}{15} \div \frac{210}{15} \times \frac{11}{15} \div \frac{120}{15} \times \frac{15}{5} \times \frac{8}{15} \times \frac{15}{7} \times \frac{9}{15}$$

$$\div \frac{15}{15} \times \frac{15}{14} \times \frac{15}{6} \times \frac{9}{15} \div \frac{15}{15} \times \frac{15}{9} \div \frac{15}{15} \div \frac{15}{15} \div \frac{135}{15} \times \frac{15}{12}$$

$$\times \frac{4}{15} \times \frac{13}{15} \div \frac{135}{15} \times \frac{15}{15} \times \frac{15}{15} \times \frac{15}{8} \times \frac{11}{15} \times \frac{15}{1} \times \frac{15}{8} \div \frac{30}{15}$$

$$\times \frac{15}{13} \div \frac{60}{15} \times \frac{15}{5} \times \frac{4}{15} \times \frac{15}{9} \times \frac{15}{13} \times \frac{11}{15} \div \frac{90}{15} \times \frac{3}{15} \times \frac{4}{15}$$

$$\div \frac{150}{15} \div \frac{165}{15} \times \frac{15}{12} \times \frac{15}{15} \div \frac{75}{15} \times \frac{15}{11} \times \frac{15}{12} \times \frac{6}{15} \times \frac{15}{5} \times \frac{2}{15}$$

$$\div \frac{45}{15} \times \frac{12}{15} \times \frac{9}{15} \div \frac{60}{15} \div \frac{135}{15} \div \frac{105}{15} \times \frac{1}{15} \times \frac{15}{2} \times \frac{15}{2} \times \frac{15}{6}$$

$$\times \frac{15}{10} \div \frac{195}{15} \times \frac{15}{14} \div \frac{150}{15} \div \frac{135}{15} \div \frac{90}{15} \times \frac{15}{8} \div \frac{75}{15} \div \frac{195}{15} \div \frac{120}{15}$$

$$\times \frac{15}{11} \div \frac{90}{15} \div \frac{105}{15} \div \frac{90}{15} \div \frac{135}{15} \div \frac{120}{15} \div \frac{210}{15} \times \frac{15}{11} \times \frac{3}{15} \div \frac{210}{15}$$

