

## Opérations Mixtes (B)

Effectuez chaque opération.

$$\times \frac{12}{19} \div \frac{38}{19} \times \frac{19}{15} \div \frac{114}{19} \div \frac{380}{19} \times \frac{19}{13} \div \frac{57}{19} \times \frac{19}{6} \times \frac{10}{19} \div \frac{380}{19}$$

$$\div \frac{342}{19} \div \frac{361}{19} \times \frac{19}{4} \div \frac{228}{19} \div \frac{380}{19} \div \frac{19}{19} \times \frac{19}{20} \times \frac{7}{19} \times \frac{19}{11} \times \frac{6}{19}$$

$$\div \frac{57}{19} \div \frac{19}{19} \times \frac{19}{15} \times \frac{19}{2} \div \frac{38}{19} \times \frac{19}{14} \times \frac{19}{3} \div \frac{266}{19} \div \frac{190}{19} \times \frac{9}{19}$$

$$\div \frac{190}{19} \times \frac{19}{7} \div \frac{209}{19} \div \frac{171}{19} \div \frac{228}{19} \div \frac{228}{19} \times \frac{2}{19} \div \frac{266}{19} \div \frac{323}{19} \times \frac{8}{19}$$

$$\div \frac{57}{19} \div \frac{38}{19} \times \frac{19}{17} \times \frac{19}{5} \times \frac{11}{19} \times \frac{9}{19} \times \frac{19}{6} \div \frac{304}{19} \div \frac{152}{19} \times \frac{19}{16}$$

$$\times \frac{2}{19} \div \frac{361}{19} \times \frac{1}{19} \div \frac{304}{19} \times \frac{19}{20} \div \frac{380}{19} \times \frac{17}{19} \times \frac{19}{14} \div \frac{171}{19} \div \frac{171}{19}$$

$$\times \frac{19}{7} \div \frac{380}{19} \div \frac{247}{19} \times \frac{19}{3} \times \frac{12}{19} \div \frac{152}{19} \times \frac{19}{4} \times \frac{12}{19} \div \frac{285}{19} \div \frac{247}{19}$$

$$\times \frac{19}{14} \times \frac{1}{19} \div \frac{228}{19} \div \frac{209}{19} \div \frac{171}{19} \times \frac{8}{19} \times \frac{11}{19} \div \frac{152}{19} \div \frac{19}{19} \div \frac{228}{19}$$

$$\times \frac{19}{1} \div \frac{76}{19} \times \frac{17}{19} \times \frac{7}{19} \div \frac{133}{19} \div \frac{342}{19} \div \frac{76}{19} \div \frac{285}{19} \times \frac{3}{19} \times \frac{19}{3}$$

$$\div \frac{171}{19} \div \frac{304}{19} \times \frac{12}{19} \times \frac{19}{20} \times \frac{18}{19} \times \frac{19}{10} \div \frac{247}{19} \times \frac{19}{17} \times \frac{7}{19} \times \frac{5}{19}$$

# Opérations Mixtes Solutions (B)

Effectuez chaque opération.

$\times \frac{12}{19}$	$\div \frac{38}{19}$	$\times \frac{19}{15}$	$\div \frac{114}{19}$	$\div \frac{380}{19}$	$\times \frac{19}{13}$	$\div \frac{57}{19}$	$\times \frac{19}{6}$	$\times \frac{10}{19}$	$\div \frac{380}{19}$
228	2	285	6	20	247	3	114	190	20
$\div \frac{342}{19}$	$\div \frac{361}{19}$	$\times \frac{19}{4}$	$\div \frac{228}{19}$	$\div \frac{380}{19}$	$\div \frac{19}{19}$	$\times \frac{19}{20}$	$\times \frac{7}{19}$	$\times \frac{19}{11}$	$\times \frac{6}{19}$
18	19	76	12	20	1	380	133	209	114
$\div \frac{57}{19}$	$\div \frac{19}{19}$	$\times \frac{19}{15}$	$\times \frac{19}{2}$	$\div \frac{38}{19}$	$\times \frac{19}{14}$	$\times \frac{19}{3}$	$\div \frac{266}{19}$	$\div \frac{190}{19}$	$\times \frac{9}{19}$
3	1	285	38	2	266	57	14	10	171
$\div \frac{190}{19}$	$\times \frac{19}{7}$	$\div \frac{209}{19}$	$\div \frac{171}{19}$	$\div \frac{228}{19}$	$\div \frac{228}{19}$	$\times \frac{2}{19}$	$\div \frac{266}{19}$	$\div \frac{323}{19}$	$\times \frac{8}{19}$
10	133	11	9	12	12	38	14	17	152
$\div \frac{57}{19}$	$\div \frac{38}{19}$	$\times \frac{19}{17}$	$\times \frac{19}{5}$	$\times \frac{11}{19}$	$\times \frac{9}{19}$	$\times \frac{19}{6}$	$\div \frac{304}{19}$	$\div \frac{152}{19}$	$\times \frac{19}{16}$
3	2	323	95	209	171	114	16	8	304
$\times \frac{2}{19}$	$\div \frac{361}{19}$	$\times \frac{1}{19}$	$\div \frac{304}{19}$	$\times \frac{19}{20}$	$\div \frac{380}{19}$	$\times \frac{17}{19}$	$\times \frac{19}{14}$	$\div \frac{171}{19}$	$\div \frac{171}{19}$
38	19	19	16	380	20	323	266	9	9
$\times \frac{19}{7}$	$\div \frac{380}{19}$	$\div \frac{247}{19}$	$\times \frac{19}{3}$	$\times \frac{12}{19}$	$\div \frac{152}{19}$	$\times \frac{19}{4}$	$\times \frac{12}{19}$	$\div \frac{285}{19}$	$\div \frac{247}{19}$
133	20	13	57	228	8	76	228	15	13
$\times \frac{19}{14}$	$\times \frac{1}{19}$	$\div \frac{228}{19}$	$\div \frac{209}{19}$	$\div \frac{171}{19}$	$\times \frac{8}{19}$	$\times \frac{11}{19}$	$\div \frac{152}{19}$	$\div \frac{19}{19}$	$\div \frac{228}{19}$
266	19	12	11	9	152	209	8	1	12
$\times \frac{19}{1}$	$\div \frac{76}{19}$	$\times \frac{17}{19}$	$\times \frac{7}{19}$	$\div \frac{133}{19}$	$\div \frac{342}{19}$	$\div \frac{76}{19}$	$\div \frac{285}{19}$	$\times \frac{3}{19}$	$\times \frac{19}{3}$
19	4	323	133	7	18	4	15	57	57
$\div \frac{171}{19}$	$\div \frac{304}{19}$	$\times \frac{12}{19}$	$\times \frac{19}{20}$	$\times \frac{18}{19}$	$\times \frac{19}{10}$	$\div \frac{247}{19}$	$\times \frac{19}{17}$	$\times \frac{7}{19}$	$\times \frac{5}{19}$
9	16	228	380	342	190	13	323	133	95