

Opérations Mixtes (D)

Effectuez chaque opération.

$$\times \frac{15}{12} \times \frac{12}{11} \times \frac{5}{12} \div \frac{192}{12} \div \frac{156}{12} \times \frac{5}{12} \times \frac{15}{12} \times \frac{7}{12} \div \frac{228}{12} \times \frac{18}{12}$$

$$\times \frac{4}{12} \div \frac{60}{12} \times \frac{8}{12} \div \frac{12}{12} \div \frac{132}{12} \div \frac{48}{12} \div \frac{120}{12} \div \frac{156}{12} \times \frac{12}{11} \times \frac{12}{1} \div$$

$$\div \frac{228}{12} \times \frac{12}{14} \times \frac{12}{10} \times \frac{12}{7} \div \frac{180}{12} \times \frac{18}{12} \div \frac{120}{12} \times \frac{8}{12} \div \frac{84}{12} \div \frac{144}{12}$$

$$\div \frac{228}{12} \times \frac{14}{12} \div \frac{132}{12} \div \frac{84}{12} \div \frac{72}{12} \div \frac{216}{12} \div \frac{12}{12} \div \frac{240}{12} \div \frac{144}{12} \times \frac{12}{8} \div$$

$$\times \frac{14}{12} \div \frac{84}{12} \times \frac{6}{12} \div \frac{240}{12} \div \frac{108}{12} \times \frac{8}{12} \div \frac{12}{12} \times \frac{12}{1} \times \frac{12}{5} \times \frac{12}{14} \div$$

$$\div \frac{132}{12} \times \frac{12}{4} \times \frac{12}{2} \div \frac{216}{12} \div \frac{180}{12} \div \frac{228}{12} \times \frac{12}{12} \times \frac{12}{3} \div \frac{60}{12} \times \frac{14}{12} \div$$

$$\times \frac{12}{15} \times \frac{6}{12} \times \frac{8}{12} \times \frac{12}{12} \times \frac{12}{17} \div \frac{72}{12} \times \frac{5}{12} \div \frac{132}{12} \times \frac{19}{12} \div \frac{72}{12} \div$$

$$\div \frac{180}{12} \times \frac{12}{19} \div \frac{132}{12} \div \frac{36}{12} \div \frac{204}{12} \div \frac{180}{12} \times \frac{13}{12} \times \frac{12}{6} \div \frac{132}{12} \div \frac{24}{12} \div$$

$$\times \frac{4}{12} \times \frac{12}{7} \times \frac{12}{17} \div \frac{180}{12} \div \frac{96}{12} \times \frac{1}{12} \times \frac{12}{12} \times \frac{1}{12} \div \frac{228}{12} \times \frac{12}{9} \div$$

$$\times \frac{13}{12} \div \frac{168}{12} \times \frac{2}{12} \div \frac{84}{12} \times \frac{9}{12} \div \frac{60}{12} \times \frac{12}{4} \times \frac{14}{12} \div \frac{36}{12} \div \frac{132}{12} \div$$

Opérations Mixtes Solutions (D)

Effectuez chaque opération.

$$\begin{array}{cccccccccc}
 \times \frac{15}{12} & \times \frac{12}{11} & \times \frac{5}{12} & \div \frac{192}{12} & \div \frac{156}{12} & \times \frac{5}{12} & \times \frac{15}{12} & \times \frac{7}{12} & \div \frac{228}{12} & \times \frac{18}{12} \\
 \times \frac{180}{132} & \times \frac{11}{12} & \times \frac{60}{60} & \div \frac{16}{16} & \div \frac{13}{12} & \times \frac{60}{60} & \times \frac{180}{180} & \times \frac{84}{84} & \div \frac{19}{19} & \times \frac{216}{216} \\
 \\
 \times \frac{4}{12} & \div \frac{60}{12} & \times \frac{8}{12} & \div \frac{12}{12} & \div \frac{132}{12} & \div \frac{48}{12} & \div \frac{120}{12} & \div \frac{156}{12} & \times \frac{12}{11} & \times \frac{12}{12} \\
 \times \frac{48}{48} & \div \frac{5}{5} & \times \frac{96}{96} & \div \frac{1}{1} & \div \frac{11}{12} & \div \frac{4}{4} & \div \frac{10}{10} & \div \frac{13}{12} & \times \frac{132}{132} & \times \frac{1}{12} \\
 \\
 \div \frac{228}{12} & \times \frac{12}{14} & \times \frac{12}{10} & \times \frac{12}{7} & \div \frac{180}{12} & \times \frac{18}{12} & \div \frac{120}{12} & \times \frac{8}{12} & \div \frac{84}{12} & \div \frac{144}{12} \\
 \div \frac{19}{19} & \times \frac{168}{168} & \times \frac{120}{120} & \times \frac{84}{84} & \div \frac{15}{15} & \times \frac{216}{216} & \div \frac{10}{10} & \times \frac{96}{96} & \div \frac{7}{7} & \div \frac{12}{12} \\
 \\
 \div \frac{228}{12} & \times \frac{14}{12} & \div \frac{132}{12} & \div \frac{84}{12} & \div \frac{72}{12} & \div \frac{216}{12} & \div \frac{12}{12} & \div \frac{240}{12} & \div \frac{144}{12} & \times \frac{12}{8} \\
 \div \frac{19}{19} & \times \frac{168}{168} & \div \frac{11}{11} & \div \frac{7}{7} & \div \frac{6}{6} & \div \frac{18}{18} & \div \frac{1}{1} & \div \frac{20}{20} & \div \frac{12}{12} & \times \frac{8}{96} \\
 \\
 \times \frac{14}{12} & \div \frac{84}{12} & \times \frac{6}{12} & \div \frac{240}{12} & \div \frac{108}{12} & \times \frac{8}{12} & \div \frac{12}{12} & \times \frac{12}{1} & \times \frac{12}{60} & \times \frac{12}{168} \\
 \times \frac{168}{168} & \div \frac{7}{7} & \times \frac{72}{72} & \div \frac{20}{20} & \div \frac{9}{9} & \times \frac{96}{96} & \div \frac{1}{1} & \times \frac{12}{12} & \times \frac{5}{60} & \times \frac{14}{168} \\
 \\
 \div \frac{132}{12} & \times \frac{12}{4} & \times \frac{12}{2} & \div \frac{216}{12} & \div \frac{180}{12} & \div \frac{228}{12} & \times \frac{12}{12} & \times \frac{12}{3} & \div \frac{60}{12} & \times \frac{14}{168} \\
 \div \frac{11}{11} & \times \frac{48}{48} & \times \frac{24}{24} & \div \frac{18}{18} & \div \frac{15}{15} & \div \frac{19}{19} & \times \frac{144}{144} & \times \frac{36}{36} & \div \frac{5}{5} & \times \frac{12}{168} \\
 \\
 \times \frac{12}{15} & \times \frac{6}{12} & \times \frac{8}{12} & \times \frac{12}{12} & \times \frac{12}{17} & \div \frac{72}{12} & \times \frac{5}{12} & \div \frac{132}{12} & \times \frac{19}{12} & \div \frac{72}{12} \\
 \times \frac{180}{180} & \times \frac{72}{72} & \times \frac{96}{96} & \times \frac{144}{144} & \times \frac{204}{204} & \div \frac{6}{6} & \times \frac{60}{60} & \div \frac{11}{11} & \times \frac{228}{228} & \div \frac{6}{6} \\
 \\
 \div \frac{180}{12} & \times \frac{12}{19} & \div \frac{132}{12} & \div \frac{36}{12} & \div \frac{204}{12} & \div \frac{180}{12} & \times \frac{13}{12} & \times \frac{12}{6} & \div \frac{132}{12} & \div \frac{24}{12} \\
 \div \frac{15}{15} & \times \frac{228}{228} & \div \frac{11}{11} & \div \frac{3}{3} & \div \frac{17}{17} & \div \frac{15}{15} & \times \frac{156}{156} & \div \frac{72}{72} & \div \frac{11}{11} & \div \frac{2}{2} \\
 \\
 \times \frac{4}{12} & \times \frac{12}{7} & \times \frac{12}{17} & \div \frac{180}{12} & \div \frac{96}{12} & \times \frac{1}{12} & \times \frac{12}{12} & \times \frac{1}{12} & \div \frac{228}{12} & \times \frac{12}{108} \\
 \times \frac{48}{48} & \times \frac{84}{84} & \times \frac{204}{204} & \div \frac{15}{15} & \div \frac{8}{8} & \times \frac{12}{12} & \times \frac{144}{144} & \div \frac{12}{12} & \div \frac{19}{19} & \times \frac{9}{108} \\
 \\
 \times \frac{13}{12} & \div \frac{168}{12} & \times \frac{2}{12} & \div \frac{84}{12} & \times \frac{9}{12} & \div \frac{60}{12} & \times \frac{12}{4} & \times \frac{14}{48} & \div \frac{36}{12} & \div \frac{132}{12} \\
 \times \frac{156}{156} & \div \frac{14}{14} & \times \frac{24}{24} & \div \frac{7}{7} & \times \frac{108}{108} & \div \frac{5}{5} & \times \frac{48}{48} & \div \frac{168}{168} & \div \frac{3}{3} & \div \frac{11}{11}
 \end{array}$$