

# Opérations Mixtes (H)

Effectuez chaque opération.

$$\times \frac{6}{12} \div \frac{60}{12} \div \frac{96}{12} \div \frac{144}{12} \div \frac{84}{12} \times \frac{1}{12} \times \frac{14}{12} \times \frac{7}{12} \times \frac{12}{10} \times \frac{12}{12}$$

$$\div \frac{60}{12} \times \frac{12}{11} \times \frac{3}{12} \times \frac{12}{12} \div \frac{60}{12} \div \frac{84}{12} \times \frac{12}{4} \div \frac{24}{12} \times \frac{12}{12} \div \frac{72}{12}$$

$$\div \frac{132}{12} \times \frac{7}{12} \div \frac{108}{12} \div \frac{180}{12} \times \frac{13}{12} \times \frac{5}{12} \times \frac{12}{3} \times \frac{12}{12} \div \frac{12}{12} \times \frac{9}{12}$$

$$\div \frac{72}{12} \times \frac{12}{13} \times \frac{12}{12} \times \frac{13}{12} \times \frac{10}{12} \times \frac{12}{9} \times \frac{7}{12} \times \frac{15}{12} \times \frac{6}{12} \times \frac{12}{3}$$

$$\div \frac{48}{12} \div \frac{48}{12} \div \frac{60}{12} \times \frac{5}{12} \times \frac{12}{12} \times \frac{7}{12} \times \frac{12}{12} \div \frac{48}{12} \div \frac{84}{12} \times \frac{2}{12}$$

$$\div \frac{108}{12} \times \frac{12}{4} \times \frac{12}{4} \times \frac{3}{12} \times \frac{15}{12} \div \frac{120}{12} \times \frac{12}{1} \times \frac{12}{1} \times \frac{12}{12} \div \frac{60}{12}$$

$$\div \frac{12}{12} \div \frac{60}{12} \div \frac{144}{12} \times \frac{1}{12} \times \frac{12}{15} \times \frac{2}{12} \div \frac{108}{12} \times \frac{12}{2} \div \frac{168}{12} \times \frac{12}{4}$$

$$\div \frac{84}{12} \div \frac{144}{12} \times \frac{12}{13} \times \frac{12}{11} \div \frac{132}{12} \times \frac{12}{3} \times \frac{3}{12} \div \frac{144}{12} \div \frac{180}{12} \times \frac{12}{5}$$

$$\div \frac{120}{12} \times \frac{12}{2} \times \frac{12}{12} \div \frac{168}{12} \times \frac{12}{1} \div \frac{48}{12} \times \frac{12}{8} \times \frac{12}{3} \div \frac{144}{12} \div \frac{156}{12}$$

$$\div \frac{36}{12} \div \frac{84}{12} \div \frac{84}{12} \div \frac{168}{12} \times \frac{12}{1} \times \frac{6}{12} \div \frac{132}{12} \div \frac{108}{12} \times \frac{12}{13} \times \frac{12}{15}$$

# Opérations Mixtes Solutions (H)

Effectuez chaque opération.

$$\begin{array}{r} \times \frac{6}{12} \div \frac{60}{12} \div \frac{96}{12} \div \frac{144}{12} \div \frac{84}{12} \times \frac{1}{12} \times \frac{14}{12} \times \frac{7}{12} \times \frac{12}{10} \times \frac{12}{12} \\ \hline \frac{72}{72} \quad \frac{5}{5} \quad \frac{8}{8} \quad \frac{12}{12} \quad \frac{7}{7} \quad \frac{168}{168} \quad \frac{84}{84} \quad \frac{120}{120} \quad \frac{144}{144} \end{array}$$
$$\begin{array}{r} \div \frac{60}{12} \times \frac{12}{11} \times \frac{3}{12} \times \frac{12}{12} \div \frac{60}{12} \div \frac{84}{12} \times \frac{12}{4} \div \frac{24}{12} \times \frac{12}{12} \div \frac{72}{12} \\ \hline \frac{5}{5} \quad \frac{132}{132} \quad \frac{36}{36} \quad \frac{144}{144} \quad \frac{5}{5} \quad \frac{7}{7} \quad \frac{48}{48} \quad \frac{2}{2} \quad \frac{144}{144} \quad \frac{6}{6} \end{array}$$
$$\begin{array}{r} \div \frac{132}{12} \times \frac{7}{12} \div \frac{108}{12} \div \frac{180}{12} \times \frac{13}{12} \times \frac{5}{12} \times \frac{12}{3} \times \frac{12}{12} \div \frac{12}{12} \times \frac{9}{12} \\ \hline \frac{11}{11} \quad \frac{84}{84} \quad \frac{9}{9} \quad \frac{15}{15} \quad \frac{156}{156} \quad \frac{60}{60} \quad \frac{36}{36} \quad \frac{144}{144} \quad \frac{1}{1} \quad \frac{108}{108} \end{array}$$
$$\begin{array}{r} \div \frac{72}{12} \times \frac{12}{13} \times \frac{12}{12} \times \frac{13}{12} \times \frac{10}{12} \times \frac{12}{9} \times \frac{7}{12} \times \frac{15}{12} \times \frac{6}{12} \times \frac{12}{3} \\ \hline \frac{6}{6} \quad \frac{156}{156} \quad \frac{144}{144} \quad \frac{156}{156} \quad \frac{120}{120} \quad \frac{108}{108} \quad \frac{84}{84} \quad \frac{180}{180} \quad \frac{72}{72} \quad \frac{36}{36} \end{array}$$
$$\begin{array}{r} \div \frac{48}{12} \div \frac{48}{12} \div \frac{60}{12} \times \frac{5}{12} \times \frac{12}{12} \times \frac{7}{12} \times \frac{12}{12} \div \frac{48}{12} \div \frac{84}{12} \times \frac{2}{12} \\ \hline \frac{4}{4} \quad \frac{4}{4} \quad \frac{5}{5} \quad \frac{60}{60} \quad \frac{144}{144} \quad \frac{84}{84} \quad \frac{144}{144} \quad \frac{4}{4} \quad \frac{7}{7} \quad \frac{24}{24} \end{array}$$
$$\begin{array}{r} \div \frac{108}{12} \times \frac{12}{4} \times \frac{12}{4} \times \frac{3}{12} \times \frac{15}{12} \div \frac{120}{12} \times \frac{12}{1} \times \frac{12}{1} \times \frac{12}{12} \div \frac{60}{12} \\ \hline \frac{9}{9} \quad \frac{48}{48} \quad \frac{48}{48} \quad \frac{36}{36} \quad \frac{180}{180} \quad \frac{10}{10} \quad \frac{12}{12} \quad \frac{12}{12} \quad \frac{144}{144} \quad \frac{5}{5} \end{array}$$
$$\begin{array}{r} \div \frac{12}{12} \div \frac{60}{12} \div \frac{144}{12} \div \frac{1}{12} \times \frac{12}{12} \times \frac{2}{15} \times \frac{108}{12} \div \frac{12}{2} \times \frac{12}{2} \div \frac{168}{12} \times \frac{12}{4} \\ \hline \frac{1}{1} \quad \frac{5}{5} \quad \frac{12}{12} \quad \frac{12}{12} \quad \frac{180}{180} \quad \frac{24}{24} \quad \frac{9}{9} \quad \frac{24}{24} \quad \frac{14}{14} \quad \frac{48}{48} \end{array}$$
$$\begin{array}{r} \div \frac{84}{12} \div \frac{144}{12} \times \frac{12}{13} \times \frac{12}{11} \div \frac{132}{12} \times \frac{12}{3} \times \frac{3}{12} \div \frac{144}{12} \div \frac{180}{12} \times \frac{12}{5} \\ \hline \frac{7}{7} \quad \frac{12}{12} \quad \frac{156}{156} \quad \frac{132}{132} \quad \frac{11}{11} \quad \frac{36}{36} \quad \frac{36}{36} \quad \frac{12}{12} \quad \frac{15}{15} \quad \frac{60}{60} \end{array}$$
$$\begin{array}{r} \div \frac{120}{12} \times \frac{12}{2} \times \frac{12}{12} \div \frac{168}{12} \times \frac{12}{1} \div \frac{48}{12} \times \frac{12}{4} \times \frac{12}{8} \times \frac{3}{12} \div \frac{144}{12} \div \frac{156}{12} \\ \hline \frac{10}{10} \quad \frac{24}{24} \quad \frac{144}{144} \quad \frac{14}{14} \quad \frac{12}{12} \quad \frac{4}{4} \quad \frac{96}{96} \quad \frac{36}{36} \quad \frac{12}{12} \quad \frac{13}{13} \end{array}$$
$$\begin{array}{r} \div \frac{36}{12} \div \frac{84}{12} \div \frac{84}{12} \div \frac{168}{12} \times \frac{12}{1} \times \frac{6}{12} \div \frac{132}{12} \div \frac{108}{12} \times \frac{12}{9} \times \frac{12}{13} \times \frac{15}{15} \\ \hline \frac{3}{3} \quad \frac{7}{7} \quad \frac{7}{7} \quad \frac{14}{14} \quad \frac{12}{12} \quad \frac{72}{72} \quad \frac{11}{11} \quad \frac{9}{9} \quad \frac{156}{156} \quad \frac{180}{180} \end{array}$$