

## 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.

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

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

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

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

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

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

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

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

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

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