

# Opérations Mixtes (H)

Effectuez chaque opération.

$$\times \frac{1}{9} \times \frac{3}{9} \times \frac{8}{9} \times \frac{9}{12} \div \frac{54}{9} \times \frac{9}{2} \times \frac{9}{3} \times \frac{15}{9} \div \frac{63}{9} \div \frac{81}{9}$$

$$\times \frac{9}{9} \div \frac{126}{9} \div \frac{117}{9} \div \frac{90}{9} \times \frac{6}{9} \div \frac{135}{9} \div \frac{36}{9} \times \frac{9}{7} \times \frac{14}{9} \div \frac{90}{9}$$

$$\div \frac{72}{9} \times \frac{9}{3} \div \frac{135}{9} \times \frac{9}{12} \times \frac{9}{9} \div \frac{45}{9} \div \frac{36}{9} \times \frac{9}{14} \div \frac{63}{9} \div \frac{27}{9}$$

$$\div \frac{54}{9} \div \frac{72}{9} \div \frac{135}{9} \div \frac{36}{9} \div \frac{126}{9} \div \frac{126}{9} \times \frac{9}{9} \times \frac{5}{9} \times \frac{5}{9} \div \frac{9}{9}$$

$$\times \frac{15}{9} \times \frac{9}{7} \div \frac{18}{9} \times \frac{9}{13} \div \frac{36}{9} \times \frac{13}{9} \times \frac{9}{5} \times \frac{9}{13} \div \frac{45}{9} \div \frac{18}{9}$$

$$\times \frac{9}{6} \times \frac{9}{4} \times \frac{9}{9} \div \frac{90}{9} \times \frac{2}{9} \div \frac{117}{9} \times \frac{1}{9} \div \frac{117}{9} \div \frac{36}{9} \div \frac{36}{9}$$

$$\div \frac{126}{9} \times \frac{9}{9} \times \frac{11}{9} \times \frac{9}{5} \times \frac{1}{9} \div \frac{108}{9} \times \frac{9}{9} \div \frac{9}{9} \div \frac{63}{9} \times \frac{9}{4}$$

$$\times \frac{6}{9} \div \frac{36}{9} \times \frac{8}{9} \div \frac{9}{9} \times \frac{9}{8} \div \frac{36}{9} \times \frac{14}{9} \div \frac{99}{9} \times \frac{9}{10} \div \frac{36}{9}$$

$$\times \frac{9}{9} \times \frac{10}{9} \div \frac{72}{9} \times \frac{9}{7} \div \frac{54}{9} \times \frac{11}{9} \div \frac{117}{9} \div \frac{18}{9} \times \frac{8}{9} \times \frac{9}{10}$$

$$\div \frac{135}{9} \div \frac{9}{9} \times \frac{12}{9} \div \frac{99}{9} \div \frac{45}{9} \div \frac{117}{9} \times \frac{11}{9} \times \frac{9}{11} \div \frac{18}{9} \times \frac{11}{9}$$

# Opérations Mixtes Solutions (H)

Effectuez chaque opération.

$$\begin{array}{cccccccccc} \times \frac{1}{9} & \times \frac{3}{9} & \times \frac{8}{9} & \times \frac{9}{12} & \div \frac{54}{9} & \times \frac{9}{2} & \times \frac{9}{3} & \times \frac{15}{9} & \div \frac{63}{9} & \div \frac{81}{9} \\ \frac{9}{9} & \frac{27}{27} & \frac{72}{72} & \frac{108}{108} & \frac{6}{6} & \frac{18}{18} & \frac{27}{27} & \frac{135}{135} & \frac{7}{7} & \frac{9}{9} \\ \times \frac{9}{9} & \div \frac{126}{9} & \div \frac{117}{9} & \div \frac{90}{9} & \times \frac{6}{9} & \div \frac{135}{9} & \div \frac{36}{9} & \times \frac{9}{7} & \times \frac{14}{9} & \div \frac{90}{9} \\ \frac{81}{81} & \frac{14}{14} & \frac{13}{13} & \frac{10}{10} & \frac{54}{54} & \frac{15}{15} & \frac{4}{4} & \frac{63}{63} & \frac{126}{126} & \frac{10}{10} \\ \div \frac{72}{9} & \times \frac{9}{3} & \div \frac{135}{9} & \div \frac{9}{9} & \times \frac{9}{12} & \div \frac{45}{9} & \div \frac{36}{9} & \times \frac{9}{14} & \div \frac{63}{9} & \div \frac{27}{9} \\ \frac{8}{8} & \frac{27}{27} & \frac{15}{15} & \frac{108}{108} & \frac{81}{81} & \frac{5}{5} & \frac{4}{4} & \frac{126}{126} & \frac{7}{7} & \frac{3}{3} \\ \div \frac{54}{9} & \div \frac{72}{9} & \div \frac{135}{9} & \div \frac{36}{9} & \div \frac{126}{9} & \div \frac{126}{9} & \times \frac{9}{9} & \times \frac{5}{9} & \times \frac{5}{9} & \div \frac{9}{9} \\ \frac{6}{6} & \frac{8}{8} & \frac{15}{15} & \frac{4}{4} & \frac{14}{14} & \frac{14}{14} & \frac{81}{81} & \frac{45}{45} & \frac{45}{45} & \frac{1}{1} \\ \times \frac{15}{9} & \times \frac{9}{7} & \div \frac{18}{9} & \times \frac{9}{13} & \div \frac{36}{9} & \times \frac{13}{9} & \times \frac{9}{5} & \times \frac{9}{13} & \div \frac{45}{9} & \div \frac{18}{9} \\ \frac{135}{135} & \frac{63}{63} & \frac{2}{2} & \frac{117}{117} & \frac{4}{4} & \frac{117}{117} & \frac{45}{45} & \frac{117}{117} & \frac{5}{5} & \frac{2}{2} \\ \times \frac{9}{6} & \times \frac{9}{4} & \times \frac{9}{9} & \div \frac{90}{9} & \times \frac{2}{9} & \div \frac{117}{9} & \times \frac{1}{9} & \div \frac{117}{9} & \div \frac{36}{9} & \div \frac{36}{9} \\ \frac{54}{54} & \frac{36}{36} & \frac{81}{81} & \frac{10}{10} & \frac{18}{18} & \frac{13}{13} & \frac{9}{9} & \frac{13}{13} & \frac{4}{4} & \frac{4}{4} \\ \div \frac{126}{9} & \times \frac{9}{9} & \times \frac{11}{9} & \times \frac{9}{5} & \times \frac{1}{9} & \div \frac{108}{9} & \times \frac{9}{9} & \div \frac{9}{9} & \div \frac{63}{9} & \div \frac{9}{9} \\ \frac{14}{14} & \frac{81}{81} & \frac{99}{99} & \frac{45}{45} & \frac{9}{9} & \frac{12}{12} & \frac{81}{81} & \frac{1}{1} & \frac{7}{7} & \frac{4}{4} \\ \times \frac{6}{9} & \div \frac{36}{9} & \times \frac{8}{9} & \div \frac{9}{9} & \times \frac{9}{8} & \div \frac{36}{9} & \times \frac{14}{9} & \div \frac{99}{9} & \div \frac{9}{9} & \div \frac{36}{9} \\ \frac{54}{54} & \frac{4}{4} & \frac{72}{72} & \frac{1}{1} & \frac{72}{72} & \frac{4}{4} & \frac{126}{126} & \frac{11}{11} & \frac{90}{90} & \frac{4}{4} \\ \times \frac{9}{9} & \times \frac{10}{9} & \div \frac{72}{9} & \times \frac{9}{8} & \div \frac{54}{9} & \times \frac{11}{9} & \div \frac{117}{9} & \div \frac{9}{9} & \times \frac{8}{9} & \times \frac{10}{9} \\ \frac{81}{81} & \frac{90}{90} & \frac{8}{8} & \frac{63}{63} & \frac{6}{6} & \frac{99}{99} & \frac{13}{13} & \frac{2}{2} & \frac{72}{72} & \frac{90}{90} \\ \div \frac{135}{9} & \div \frac{9}{9} & \times \frac{12}{9} & \div \frac{99}{9} & \div \frac{45}{9} & \div \frac{117}{9} & \times \frac{11}{9} & \times \frac{9}{99} & \div \frac{18}{9} & \times \frac{11}{99} \\ \frac{15}{15} & \frac{1}{1} & \frac{108}{108} & \frac{11}{11} & \frac{5}{5} & \frac{13}{13} & \frac{99}{99} & \frac{11}{11} & \frac{2}{2} & \frac{99}{99} \end{array}$$