

Exercice 1

Calculer et simplifier si possible

$$\begin{array}{llll}
 A = \frac{6}{7} : \frac{9}{5} & B = \frac{-15}{8} : \frac{-5}{24} & C = \frac{-6}{5} : \frac{3}{-7} & D = 7 : \frac{-21}{4} \\
 E = \frac{8}{5} : 4 & F = \frac{\frac{7}{4}}{\frac{5}{6}} & G = \frac{\frac{12}{7}}{-4} & H = \frac{-15}{\frac{10}{7}}
 \end{array}$$

Exercice 2

Calculer en respectant les priorités opératoires

$$\begin{array}{llll}
 I = \frac{12}{5} - \frac{3}{5} \times \frac{7}{9} & J = \frac{34}{5} \div \left(\frac{4}{5} - \frac{3}{8} \right) & K = \frac{7}{3} - \frac{2}{3} \div \frac{8}{7} & L = \frac{-1 + \frac{1}{8}}{4}
 \end{array}$$

Réponses :

$$\begin{array}{lllllll}
 A = \frac{10}{21} & B = -9 & C = \frac{14}{5} & D = -\frac{4}{3} & E = \frac{2}{5} & F = \frac{21}{10} & G = -\frac{3}{7} \\
 H = -\frac{21}{2} & I = \frac{29}{15} & J = 16 & K = \frac{7}{4} & L = -\frac{7}{32} & &
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