

CORRECTION DES AUTOMATISMES 9

Énoncé	Réponse
Sachant que $C_A \times V_A = C_B \times V_B$, exprimer $V_B = \dots$	$V_B = \frac{C_A \times V_A}{C_B}$
Calculer : $\frac{1}{4} - \frac{5}{6} = \dots$	$\frac{1}{4} - \frac{5}{6} = \frac{3}{12} - \frac{10}{12} = \frac{3-10}{12} = -\frac{7}{12}$
Calculer : $5 \times \frac{2}{3} = \dots$	$5 \times \frac{2}{3} = \frac{5}{1} \times \frac{2}{3} = \frac{5 \times 2}{1 \times 3} = \frac{10}{3}$
Calculer : $\frac{15}{2} \div \frac{3}{4} = \dots$	$\frac{15}{2} \div \frac{3}{4} = \frac{15}{2} \times \frac{4}{3} = \frac{\cancel{3} \times 5 \times \cancel{2} \times 2}{\cancel{2} \times \cancel{3}} = 5 \times 2 = 10$
Calculer : $3 \times \frac{1}{3} \times \left(\frac{2}{3}\right)^2 = \dots$	$3 \times \frac{1}{3} \times \left(\frac{2}{3}\right)^2 = \frac{3}{1} \times \frac{1}{3} \times \frac{2^2}{3^2} = \frac{\cancel{3} \times 1 \times 4}{1 \times \cancel{3} \times 9} = \frac{4}{9}$