

Se tester sur le calcul littéral

Extraire une grandeur d'une relation mathématique

« j'ai besoin de m'entraîner sur des exemples simples »

| | | |
|-----------------------------------------|---------|--------------|
| $\rho = \frac{m}{V}$ | $m =$ | $V =$ |
| $n = c \times V$ | $c =$ | $V =$ |
| $Q = I \times \Delta t$ | $I =$ | $\Delta t =$ |
| $E_C = \frac{1}{2} \times m \times v^2$ | $m =$ | $v =$ |
| $E_m = E_C + E_P$ | $E_C =$ | $E_P =$ |
| $E_{PP} = m \times g \times z$ | $m =$ | $z =$ |
| $A = k \times c$ | $c =$ | $k =$ |
| $v = \frac{d}{\Delta t}$ | $d =$ | $\Delta t =$ |
| $P \times V = n \times R \times T$ | $n =$ | $V =$ |
| $\sigma = \frac{l}{S} \times G$ | $S =$ | $G =$ |
| $C_1 \times V_1 = C_2 \times V_2$ | $V_1 =$ | $C_2 =$ |
| $\tau = R \times C$ | $R =$ | $C =$ |
| $E = \frac{U_{AB}}{d}$ | $d =$ | $U_{AB} =$ |



« je vérifie que je suis à l'aise »

| | | |
|----------------------------|-------|---------|
| $E = P \times (t_f - t_i)$ | $P =$ | $t_i =$ |
| $v = \frac{d}{t_2 - t_1}$ | $d =$ | $t_1 =$ |
| $n = \frac{m_1 + m_2}{M}$ | $M =$ | $m_1 =$ |

| | | |
|---------------------------------------------------|---------|-------------|
| $n_T = c_1 \times V_1 - c_2 \times V_2$ | $c_1 =$ | $c_2 =$ |
| $n_f = n_0 - 3 \times x_{max}$ | $n_0 =$ | $x_{max} =$ |
| $E_1 - E_4 = \frac{h \times c}{\lambda}$ | $E_4 =$ | $\lambda =$ |
| $E_f - E_i = (m_f - m_i) \times c^2$ | $E_i =$ | $m_i =$ |
| $\frac{1}{2}mv^2 = mgh$ | $v =$ | $h =$ |
| $F = \frac{Gm_1m_2}{d^2}$ | $d =$ | $m_1 =$ |
| $L = 10 \times \log \left(\frac{I}{I_0} \right)$ | $I =$ | |



« je peux faire face à toutes les situations »

| | | |
|----------------------------------------------------------------------------------------------------------|-------------|---------------|
| $E_2 = \frac{1}{2} \times m \times v_2^2 + m \times g \times z_2$ | $v_2 =$ | $m =$ |
| $c_1 \times V_1 - 2 \times x_{max} = 0$ | $x_{max} =$ | $c_1 =$ |
| $v = c \times \frac{f_A - f_E}{f_E}$ | $f_E =$ | $f_A =$ |
| $\frac{T^2}{a^3} = \frac{4\pi^2}{G \times M}$ | $T =$ | $a =$ |
| $\sigma = \lambda_1 \times c_1 + \lambda_2 \times c_2$ | $c_1 =$ | $\lambda_2 =$ |
| $E = m \times c \times (\theta_f - \theta_i)$ | $m =$ | $\theta_f =$ |
| $W_{AB}(\vec{F}) = F \times AB \times \cos(\alpha)$ | $F =$ | $\alpha =$ |
| $\frac{Q}{\Delta t} = \frac{T_1 - T_2}{R_{th}}$ | $R_{th} =$ | $T_2 =$ |
| $T = 2\pi \sqrt{\frac{L}{g}}$ | $L =$ | $g =$ |
| $u(C_B) = C_B \times \sqrt{+ \left(\frac{u(V_B)}{V_B} \right)^2 + \left(\frac{u(V_e)}{V_e} \right)^2}$ | $u(V_B) =$ | $V_B =$ |