

Hidrostática				
$\rho = \frac{m}{V}$	$P = \rho \cdot g \cdot h$	$\frac{F_1}{A_1} = \frac{F_2}{A_2}$	$P = mg$	$E = V \cdot \rho \cdot g$
Termodinâmica				
$K = ^\circ C + 273$	$P \cdot V = n \cdot R \cdot T$	$Q = m \cdot c \cdot \Delta T$	$\Delta L = \alpha \cdot L_0 \cdot \Delta T$	
$\frac{^\circ C}{5} = \frac{^\circ F - 32}{9}$	$\frac{P_1 V_1}{T_1} = \frac{P_2 V_2}{T_2}$	$W = P \cdot \Delta V$ $W \Rightarrow$ Área interna no gráfico $P \times V$	$\Delta S = \beta \cdot S_0 \cdot \Delta T$ $\Delta V = \gamma \cdot V_0 \cdot \Delta T$ $\beta = 2\alpha \quad \gamma = 3\alpha$	
MHS				
$f = \frac{1}{T}$	$\omega = 2\pi f; \quad \omega = \frac{2\pi}{T}$	$T_{mola} = 2\pi \sqrt{\frac{m}{K}}$	$f_{mola} = \frac{1}{2\pi} \sqrt{\frac{K}{m}}$	
$T_{p\grave{e}ndulo} = 2\pi \sqrt{\frac{L}{g}}$	$f_{p\grave{e}ndulo} = \frac{1}{2\pi} \sqrt{\frac{g}{L}}$	$v_{corda} = \sqrt{\frac{F}{\mu}}$	$\mu = \frac{m}{L}$	
Ondas				
$v = \frac{\lambda}{T}$	$v = \lambda \cdot f$	$v = \sqrt{\frac{T}{\mu}}$		
$\lambda = \frac{2L}{n}$	$f = \frac{n}{2L} \cdot \sqrt{\frac{T}{\mu}}$	$\mu = \frac{m}{L}$		
Som				
$I = \frac{P}{4\pi r^2}$	$\beta = 10 \cdot \log \frac{I}{I_0}, \quad I_0 = 10^{-12} W/m^2$		$\beta = 10 \cdot \log \frac{I_f}{I_i}$	
Ótica				
$\frac{1}{f} = \frac{1}{d_o} + \frac{1}{d_i}$	$A = \frac{ d_o }{ d_i } = \frac{H_o}{H_i}$	$n_1 = \frac{c}{v_1} ; \quad n_2 = \frac{c}{v_2} ; \quad \frac{n_1}{n_2} = \frac{v_2}{v_1}$		
Fórmulas de áreas				
$A_{trap\acute{e}zio} = \frac{B + b}{2} \cdot h$		$A_{tri\grave{a}ngulo} = \frac{B \cdot h}{2}$		