Possibly useful relations:

$F_x = -kx$	$U = \frac{1}{2}kx^2$
$f = \frac{1}{T}$	$T = 2\pi\sqrt{m/k}$
$x = A\cos(\omega t)$	$v = -\omega A\sin(\omega t)$
$\omega = 2\pi f$	$a = -\omega^2 A\cos(\omega t)$
$T = 2\pi\sqrt{\frac{L}{g}}$	$E_{\text{total}} = \frac{1}{2}kA^2$
$E_{\text{total}} = \frac{1}{2}m\omega^2 A^2$	$T = 2\pi\sqrt{\frac{I}{mgd}}$
$v = \lambda f$	$k = 2\pi/\lambda$
$y(x,t) = A\cos(\omega t - kx)$	$f = \frac{v_1}{\lambda_1} = \frac{v_2}{\lambda_2}$
$y(x,t) = 2A\sin(\omega t)\sin(kx)$	$L = n\lambda/2 \quad n = 1, 2, 3...$
$\Delta P = -B\frac{\Delta V}{V}$	$v = \sqrt{B/\rho}$
$I = \frac{P}{A}$	$v = v_0\sqrt{T/T_0}$
$\beta = 10\log_{10}(\frac{I}{I_0})$	$I_0 = 10^{-12}\ \text{W/m}^2$
$L = n\frac{\lambda}{4} \quad n = 1, 3, 5...$	$L = n\frac{\lambda}{2} \quad n = 1, 2, 3...$
$f_{\text{beat}} = \Delta f = \lvert f_2 - f_1\rvert$	$v = 331\frac{\text{m}}{\text{s}}$ at $T = 273K$
$f_{\text{o}} = f_s(\frac{1}{1-v_s/v})$	$f_{\text{o}} = f_s(1 - v_0/v)$
$f_{\text{o}} = f_s(\frac{1-v_0/v}{1-v_s/v})$	$v = \sqrt{F/\mu}$
$\vec{F}_{\text{net}} = m\vec{a}$	
$\cos\theta = \text{adjacent/hypotenuse}$	$\sin\theta = \text{opposite/hypotenuse}$
$\tan\theta = \sin\theta/\cos\theta$	$x = \frac{-b\pm\sqrt{b^2-4ac}}{2a}$