

$F = k \frac{m_1 m_2}{r^2}$
 $CH_4 + 2O_2 \rightarrow CO_2 + 2H_2O$
 $PV = nRT \quad \frac{dy}{dx} = \frac{y}{x}$
 $Q = mc\Delta T \quad \log_a\left(\frac{1}{x}\right) = -\log_a x$
 $\lim_{x \rightarrow 0} \frac{(1+x)^n - 1}{x} = n$
 $\frac{v}{v - v_0} = \frac{2a(x - x_0)}{v^2}$
 $\frac{\sin \alpha}{a} = \frac{\sin \beta}{b} = \frac{\sin \gamma}{c}$
 $a^2 + b^2 - 2ab \cos \gamma = c^2$
 $E = mc^2 \quad F = \frac{\Delta P}{\Delta t} \quad \sin^2 \theta + \cos^2 \theta = 1$
 $E_k = \frac{1}{2}mv^2 \quad y = x^2 + a$
 $v = f\lambda$
 $PV = nRT$
 $P = IV = \frac{V^2}{R} = I^2 R$
 $2H_2 + O_2 \rightleftharpoons 2H_2O \quad \omega = 2\pi f$

