$$a = \frac{v_f - v_i}{\Delta t}$$

$$t = \frac{P}{W}$$

$$R = \frac{I}{V}$$

$$\Delta d = v_i \Delta t + \frac{1}{2} a \Delta t^2$$

$$I = \frac{V}{R}$$

$$a = \frac{\Delta t^2}{2(\Delta d - v_i \Delta t)}$$

$$a = \frac{2(\Delta d - v_i \Delta t)}{\Delta t^2}$$

$$\tau = Fr$$

$$a_c = \frac{v_t^2}{r}$$

$$\Delta t = \frac{v_f - v_i}{a}$$

$$\Delta t = \frac{a}{v_f - v_i}$$

$$P = \frac{W}{t}$$

$$F_{net} = ma$$

$$R = \frac{V}{I}$$

$$t = \frac{W}{P}$$

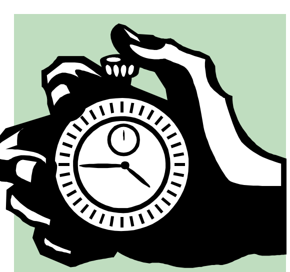
$$KE = \frac{1}{2} m v^2$$

$$a = \frac{m}{F_{net}}$$

$$r = \frac{v_t^2}{a}$$

$$r = \frac{a}{v_t^2}$$

$$W = Fd$$



$$d = \frac{F}{W}$$

$$a = \frac{F_{net}}{m}$$

$$d = \frac{W}{F}$$

$$PE_g = mgh$$

$F = \frac{r}{\tau}$

$F = \frac{\tau}{r}$

$PE_{elastic} = \frac{1}{2}kx^2$

$E = Pt$

$v = \sqrt{\frac{m}{2KE}}$

$x = \pm\sqrt{\frac{2PE}{k}}$

$x = \pm\sqrt{\frac{k}{2PE}}$

$Q = mc_p\Delta T$

$t = \frac{E}{P}$

$v = \pm\sqrt{\frac{2KE}{m}}$

$p = mv$

$J = F\Delta t$

$\Delta T = \frac{Q}{mc_p}$

$v = \frac{p}{m}$

$\Delta T = \frac{mc_p}{Q}$

$E = mc^2$

$F = \frac{J}{\Delta t}$

$h = \frac{PE_g}{mg}$

$v = f\lambda$

$h = \frac{mg}{PE_g}$

$c = \pm\sqrt{\frac{E}{m}}$

$f = \frac{v}{\lambda}$

$c = \pm\sqrt{\frac{m}{E}}$

$F = \frac{\Delta t}{J}$