$v = u + at$

$v = u + at$

$P = I^2R$

$v - at = u$

$v - u = at$

$\frac{P}{I^2} = R$

$u = v - at$

$t = \frac{v - u}{a}$

$R = \frac{P}{I^2}$

$I = \sqrt{\frac{P}{R}}$

$P = I^2R$

$\sqrt{\frac{P}{R}} = I$

$\frac{P}{R} = I^2$

$$S = 2\pi r(r+h)$$

$$V = \frac{1}{3}\pi r^2 h$$

$$V = \frac{4}{3}\pi r^3$$

$$\frac{S}{2\pi r} = r + h$$

$$3V = \pi r^2 h$$

$$3V = 4\pi r^3$$

$$\frac{S}{2\pi r} - r = h$$

$$\frac{3V}{\pi h} = r^2$$

$$\frac{3V}{4\pi} = r^3$$

$$h = \frac{S}{2\pi r} - r$$

$$\sqrt{\frac{3V}{\pi h}} = r$$

$$\sqrt[3]{\frac{3V}{4\pi}} = r$$

$$r = \sqrt{\frac{3V}{\pi h}}$$

$$r = \sqrt[3]{\frac{3V}{4\pi}}$$

$$S = \pi r\sqrt{r^2 + h^2}$$

$$V = \pi r^2 h$$

$$A = \pi\left(R^2 - r^2\right)$$

$$\frac{S}{\pi r} = \sqrt{r^2 + h^2}$$

$$\frac{V}{\pi h} = r^2$$

$$\frac{A}{\pi} = R^2 - r^2$$

$$\left(\frac{S}{\pi r}\right)^2 = r^2 + h^2$$

$$\sqrt{\frac{V}{\pi h}} = r$$

$$\frac{A}{\pi} + r^2 = R^2$$

$$\left(\frac{S}{\pi r}\right)^2 - r^2 = h^2$$

$$r = \sqrt{\frac{V}{\pi h}}$$

$$r^2 = R^2 - \frac{A}{\pi}$$

$$\sqrt{\left(\frac{S}{\pi r}\right)^2 - r^2} = h$$

$$h = \sqrt{\left(\frac{S}{\pi r}\right)^2 - r^2}$$

$$r = \sqrt{R^2 - \frac{A}{\pi}}$$

$$T = 2\pi\sqrt{\frac{l}{g}}$$

$$C = \frac{5}{9}(F - 32)$$

$$s = \frac{t(u+v)}{2}$$

$$\frac{T}{2\pi} = \sqrt{\frac{l}{g}}$$

$$9C = 5(F - 32)$$

$$2s = t(u+v)$$

$$\left(\frac{T}{2\pi}\right)^2 = \frac{l}{g}$$

$$\frac{9}{5}C = F - 32$$

$$\frac{2s}{u+v} = t$$

$$\left(\frac{T}{2\pi}\right)^2 g = l$$

$$\frac{9}{5}C + 32 = F$$

$$t = \frac{2s}{u+v}$$

$$l = \left(\frac{T}{2\pi}\right)^2 g$$

$$F = \frac{9}{5}C + 32$$

$$A = P\left(1+\frac{r}{100}\right)^n$$

$$v^2 = u^2 + 2as$$

$$v^2 = u^2 + 2as$$

$$\frac{A}{P} = \left(1+\frac{r}{100}\right)^n$$

$$v^2 - u^2 = 2as$$

$$v^2 - 2as = u^2$$

$$\sqrt[n]{\frac{A}{P}} = 1+\frac{r}{100}$$

$$\frac{v^2-u^2}{2a} = s$$

$$\sqrt{v^2-2as} = u$$

$$\sqrt[n]{\frac{A}{P}} - 1 = \frac{r}{100}$$

$$s = \frac{v^2-u^2}{2a}$$

$$u = \sqrt{v^2-2as}$$

$$100\left(\sqrt[n]{\frac{A}{P}} - 1\right) = r$$

$$r = 100\left(\sqrt[n]{\frac{A}{P}} - 1\right)$$

$$s = \frac{t(u+v)}{2}$$

$$s = ut + \frac{1}{2}at^2$$

$$s = ut + \frac{1}{2}at^2$$

$$2s = t(u+v)$$

$$s - ut = \frac{1}{2}at^2$$

$$s - \frac{1}{2}at^2 = ut$$

$$\frac{2s}{t} = u + v$$

$$2(s - ut) = at^2$$

$$\frac{s}{t} - \frac{1}{2}at = u$$

$$\frac{2s}{t} - u = v$$

$$\frac{2(s - ut)}{t^2} = a$$

$$u = \frac{s}{t} - \frac{1}{2}at$$

$$v = \frac{2s}{t} - u$$

$$a = \frac{2(s - ut)}{t^2}$$

$E = \frac{1}{2}mv^2 + mgh$	$h = \frac{v^2}{2g}$	$E = \frac{1}{2}mv^2 + mgh$
$E - mgh = \frac{1}{2}mv^2$	$2gh = v^2$	$2E = mv^2 + 2mgh$
$2(E - mgh) = mv^2$	$\sqrt{2gh} = v$	$2E = m(v^2 + 2gh)$
$\frac{2(E - mgh)}{m} = v^2$	$v = \sqrt{2gh}$	$\frac{2E}{v^2 + 2gh} = m$
$\sqrt{\frac{2(E - mgh)}{m}} = v$	$v = \sqrt{\frac{2(E - mgh)}{m}}$	$m = \frac{2E}{v^2 + 2gh}$

$$A = P + \frac{PRT}{100}$$

$$R = 100\left[\left(1+\frac{m}{100}\right)^{12} - 1\right]$$

$$100A = 100P + PRT$$

$$\frac{R}{100} = \left(1+\frac{m}{100}\right)^{12} - 1$$

$$100A = P(100 + RT)$$

$$\frac{R}{100} + 1 = \left(1+\frac{m}{100}\right)^{12}$$

$$\frac{100A}{100 + RT} = P$$

$$\sqrt[12]{\frac{R}{100}+1} = 1+\frac{m}{100}$$

$$m = 100\left(\sqrt[12]{\frac{R}{100}+1} - 1\right)$$

$$P = \frac{100A}{100 + RT}$$

$$\sqrt[12]{\frac{R}{100}+1} - 1 = \frac{m}{100}$$

$$100\left(\sqrt[12]{\frac{R}{100}+1} - 1\right) = m$$