

Rearranging Scientific Formulae

(a)	(b)	(c)	(d)	(e)
$v = u + at$	$A = 2\pi r^2 + \pi dh$	$s = \frac{(u + v)}{2}t$	$v^2 = u^2 + 2as$	$v = \omega\sqrt{A^2 - x^2}$
Make u the subject. $u = v - at$	Make d the subject. $d = \frac{A - 2\pi r^2}{\pi h}$	Make t the subject. $t = \frac{2s}{u + v}$	Make u the subject. $u = \pm\sqrt{v^2 - 2as}$	Make ω the subject. $\omega = \frac{v}{\sqrt{A^2 - x^2}}$
Make t the subject. $t = \frac{v - u}{a}$	Make h the subject. $h = \frac{A - 2\pi r^2}{\pi d}$	Make u the subject. $u = \frac{2s}{t} - v$	Make a the subject. $a = \frac{v^2 - u^2}{2s}$	Make A the subject. $A = \pm\sqrt{\frac{v^2}{\omega^2} + x^2}$
Make a the subject. $a = \frac{v - u}{t}$	Make r the subject. $r = \pm\sqrt{\frac{A - \pi dh}{2\pi}}$	Make v the subject. $v = \frac{2s}{t} - u$	Make s the subject. $s = \frac{v^2 - u^2}{2a}$	Make x the subject. $x = \pm\sqrt{A^2 - \frac{v^2}{\omega^2}}$