

		WITHOUT				
SUBJECT	s	$s = vt - \frac{1}{2}at^2$	$s = ut + \frac{1}{2}at^2$	$s = \frac{t}{2}(u + v)$	$s = \frac{u^2 + v^2}{2a}$	
	$u = v - at$	u	$u = \frac{s - at^2}{2t}$	$u = \frac{2s}{t} + v$	$u = \sqrt{2as - v^2}$	
	$v = u + at$	$v = \frac{s + at^2}{2t}$	v	$v = \frac{2s}{t} - u$	$v = \sqrt{u^2 + 2as}$	
	$a = \frac{v - u}{t}$	$a = \frac{2(vt - s)}{t^2}$	$a = \frac{2(s - ut)}{t^2}$	a	$a = \frac{v^2 - u^2}{2s}$	
	$t = \frac{v - u}{a}$	$t = \frac{v - \sqrt{v^2 - 2as}}{a}$	$t = \frac{\sqrt{2as + u^2} - u}{a}$	$t = \frac{2s}{u + v}$	t	