

Equation	Δx	v_0	v_f	a	t
$\Delta x = \frac{v_0 + v_f}{2} t$	✓	✓	✓		✓
$\Delta x = v_0 t + \frac{1}{2} a t^2$	✓	✓		✓	✓
$v_f = v_0 + a t$		✓	✓	✓	✓
$v_f^2 = v_0^2 + 2 a \Delta x$	✓	✓	✓	✓	
$v_{ave} = \frac{v_0 + v_f}{2}$	Only works with straight v-t graphs				
$v_{ave} = \frac{\Delta x}{\Delta t}$	Works always - definition				