Physics I H Semester 1 rev 201412172353 github.com/cg505/formulaPage

$$\begin{array}{|c|c|c|c|c|c|c|c|}\hline \Delta x \to \Delta \theta & \text{displacement}, \ v \to \omega & \text{vel.}, \ a = \bar{a} \to \alpha & \text{constant accel.}, \ \bar{x} & \text{avg.} \ x \\\hline v = v_o + at \\\hline v = v_o$$

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Values of Rotational Inertia I	
Thin hoop	mr^2
Solid cylinder	$\frac{1}{2}mr^2$
Hollow cylinder	$\frac{1}{2}m(r_1^2+r_2^2)$
Sphere	$\frac{2}{5}mr^2$
A sphere is the fastest object	



