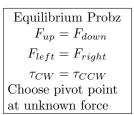
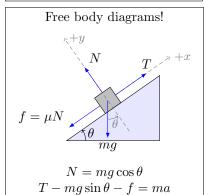
Physics I H Semester 1 rev 201412172345 github.com/cg505/formulaPage

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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	





 $T - mg\sin\theta - \mu mg\cos\theta = ma$