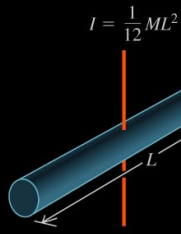
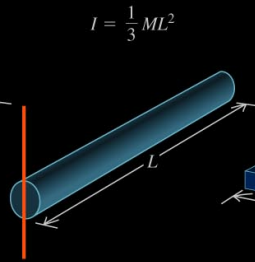




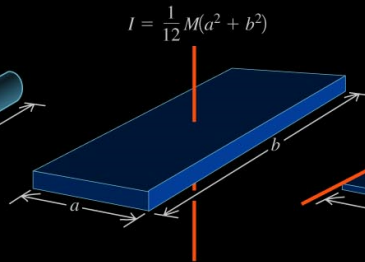
(a) Slender rod,  
axis through center



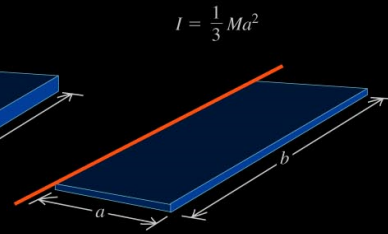
(b) Slender rod,  
axis through one end



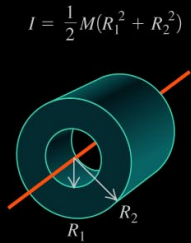
(c) Rectangular plate,  
axis through center



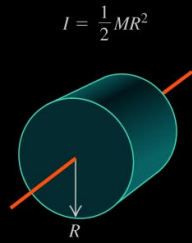
(d) Thin rectangular plate,  
axis along edge



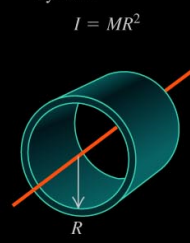
(e) Hollow cylinder



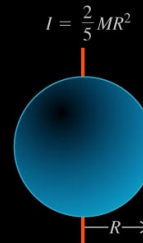
(f) Solid cylinder



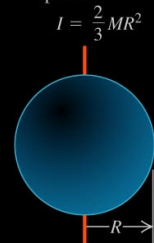
(g) Thin-walled hollow  
cylinder



(h) Solid sphere



(i) Thin-walled hollow  
sphere



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$$L = \vec{r} \times \vec{p} = mvr \sin \theta = mv\ell = I\omega \quad (16)$$

$$L_0 = L_1 \quad (\text{assuming no external torque}) \quad (17)$$