NAME	
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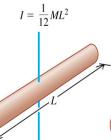
Please do not open until instructed to do so.

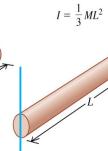
Make sure you have filled out your SCAN CARD as instructed.

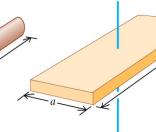
Table 9.2 on back of this page.

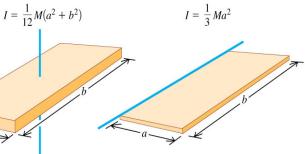
Table 9.2 Moments of Inertia of Various Bodies

- (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



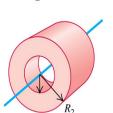






(e) Hollow cylinder

$$I = \frac{1}{2}M(R_1^2 + R_2^2)$$



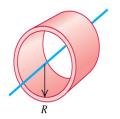
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(f) Solid cylinder

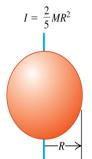
$$I = \frac{1}{2}MR^2$$

- (g) Thin-walled hollow cylinder

$$I=MR^2$$



(h) Solid sphere



(i) Thin-walled hollow sphere

