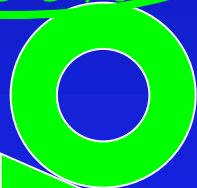


Preflight: Rolling Race (Hoop vs Cylinder)

A solid and hollow cylinder of equal mass roll down a ramp with height h . Which has greatest speed at the bottom of the ramp?

A) Solid

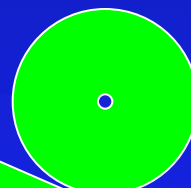
50%



$$I = MR^2$$

B) Hollow

17%



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

C) Same

33%

"Well, I don't see how rolling things down a ramp would make me a dare-devil, thrill seeker..." "Evel Knievel must be 'rolling' in his grave at such a travesty"