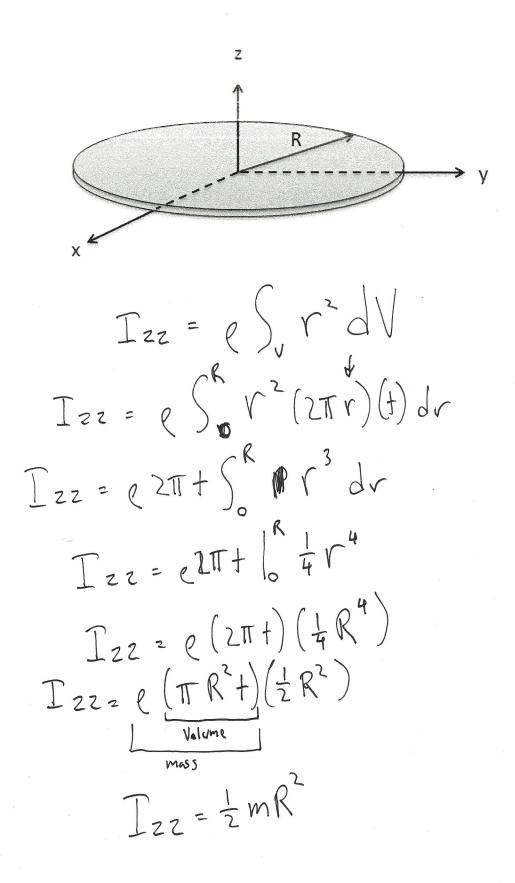
A thin circular disc has a mass of 6 kg and a radius of .3 meters. Determine the mass moment of inertia for the disc about the z axis.



$$Tzz = \frac{1}{2}(6h_s)(.3m)^2$$
 $Tzz = .27h_s n^2$