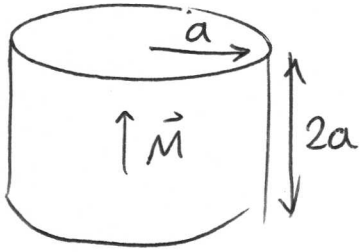


# Practice Question for Mid Term

1/1/11



In class I said that the B-field at the top surface of this magnet is approximately  $\frac{\mu_0 M}{2}$ .

What is the fractional error of my approximation? 5%, 50%...?

$$\text{Fractional Error} = \frac{|(\text{Approx. Value}) - (\text{True Value})|}{|\text{True Value}|}$$