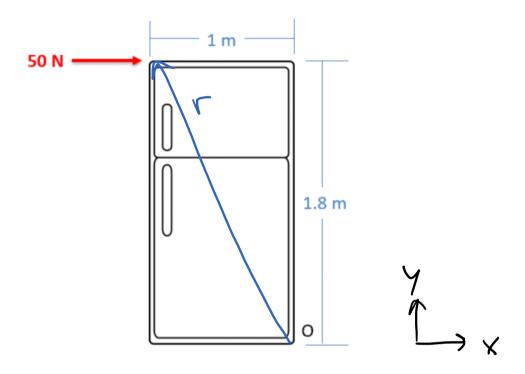
Question 1

What is the magnitude of the moment that the force shown below force exerts about point O?



$$\vec{r} = [-.8, 1.8, 0]_{m}$$

 $\vec{F} = [50, 0, 0]_{N}$

$$[0,0,0] \times [0,8,0] = \frac{1}{4} \times \frac{1}{5} = M$$