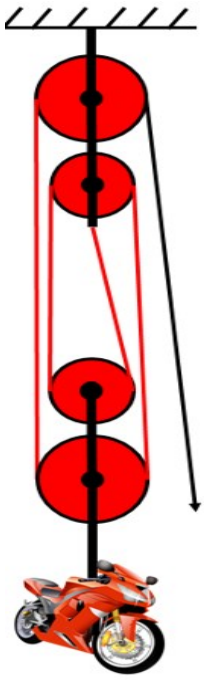
Name: Andrew Chang

Given the pulley in the figure below. Fe = 99 lbs, which lifts a motorcycle, Fr = 360 lbs, What is the

(a) IMA (b) AMA (c) Efficiency (precision of 0.1)?



a) IMA = 4

b) $AMA = \frac{FR}{FE}$

$\frac{360}{99} = \frac{40}{11} = 3.6$

c) $E = \frac{3.6}{4} = 0.9 \cdot 100 = 90\%$

Write ONLY answers below this line _____

Set13

a: 4

b: 3.6

c: 90