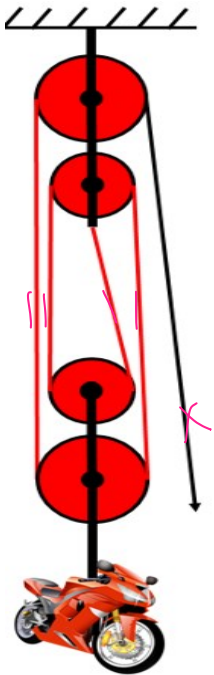Name: Lucy Zielin

Given the pulley in the figure below. Fe = 126 lbs, which lifts a motorcycle, Fr = 360 lbs, What is the

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

$$IMA = 4.0$$

$$AMA = \frac{F_R}{F_E} = \frac{360}{126} = 2.9$$

$$\frac{2.9}{4.0} = 0.725 = 72.5\%$$

Write ONLY answers below this line _____

Set27

a: 4.0

b: 2.9

c: 72.5