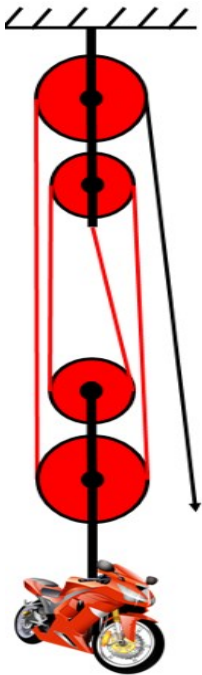


Name: Finn

Given the pulley in the figure below. $F_e = 114$ lbs, which lifts a motorcycle, $F_r = 380$ lbs, What is the

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



IMA
a. 4

$$b. \frac{380}{114} = 3.3$$

$$c. EFF = \left(\frac{3.3}{4} \right) \cdot 100 = 82.5\%$$

Write ONLY answers below this line _____

Set18

a: 4

b: 3.3

c: 82.5