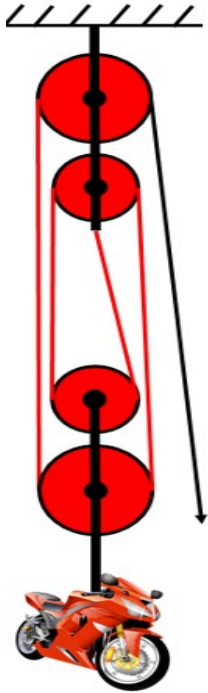


Name: Leela Prakash

Given the pulley in the figure below. $F_e = 144$ lbs, which lifts a motorcycle, $F_r = 480$ lbs, What is the

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



$$AMA = \frac{480}{144} = 3.33$$

$$IMA = 4$$

$$\frac{3.33}{4} \times 100 = 83.3$$

Write ONLY answers below this line _____

Set20

a: 4.0

b: 3.3

c: 83.3