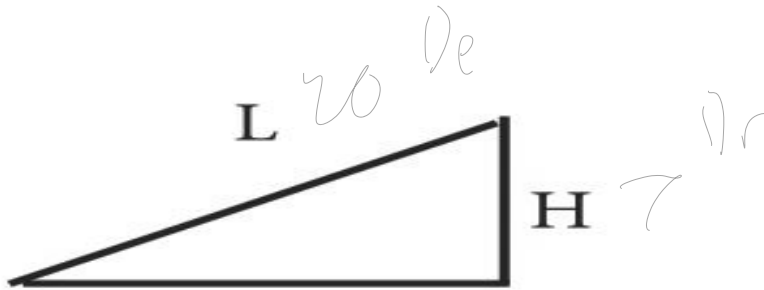


Name: Evan B

Given the inclined plane pictured below, when L (slope length) = 20 feet, H (height) = 7 feet, $F_e = 30$, $F_r = 60$ what is the a: IMA b: AMA c: Efficiency (precision of 0.1)?



$$\frac{18.7}{2.9}$$

$$AMA = \frac{F_r}{F_e}$$

$$IMA = \frac{1}{2}$$

$$2.86$$

$$17.2\%$$

$$AMA = \frac{F_r}{F_e} = \frac{60}{30} = 2$$

Write ONLY answers below this line _____

Set11

a: 2.9

b: 2.0

c: 69.0