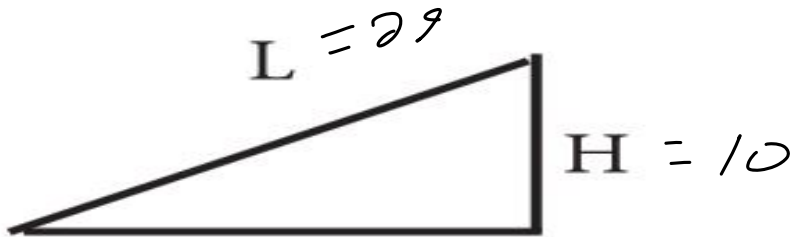


Name: Jai Padhya

Given the inclined plane pictured below, when L (slope length) = 29 feet, H (height) = 10 feet, $F_e = 40$, $F_r = 80$ what is the a: IMA b: AMA c: Efficiency (precision of 0.1)?



$$IMA = \frac{D_E}{D_R} = \frac{29}{10} = 2.9$$

$$AMA = \frac{F_R}{F_E} = \frac{80}{40} = 2$$

$$C. \frac{AMA}{IMA} \cdot 100 = \frac{2}{2.9} \cdot 100 = 68.9\%$$

Write ONLY answers below this line _____

Set19

a: 2.9

b: 2.0

c: 68.9