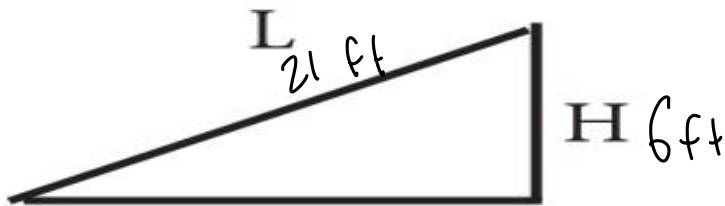


Name: Andrew Chang

Given the inclined plane pictured below, when L (slope length) = 21 feet, H (height) = 6 feet, $F_e = 30$, $F_r = 60$ what is the a: IMA b: AMA c: Efficiency (precision of 0.1)?



$$a) IMA = \frac{21}{6} = 3.5 \quad (3.5)$$

$$b) AMA = \frac{60}{30} = 2$$

$$c) E H = \frac{2}{3.5} \times 100 = 57.1$$

(57.1%)

Write ONLY answers below this line _____

Set13

a: 3.5

b: 2

c: 57.1