

Name: Finn Murro

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



a. $\frac{DE}{DR} = \frac{21}{6} = 3.5$

b. $\frac{FR}{FE} = \frac{60}{30} = 2$

c. $\left(\frac{2}{3.5}\right) \cdot 100 = 57.14$

Write ONLY answers below this line _____

Set18

a: 3.5

b: 2

c: 57.14