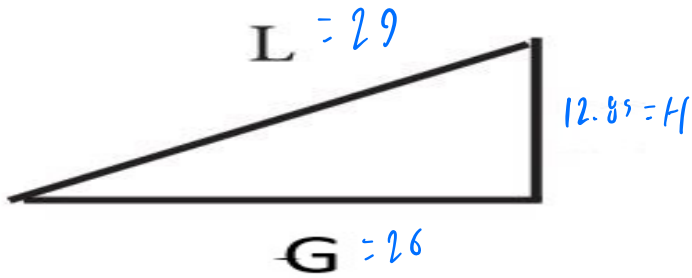Name: _Livuy Kure_

Given the inclined plane pictured below, when L (slope length) = 29 feet, G (Ground length of slope) = 26 feet, Fe = 30, Fr = 56 what is the a: IMA b: AMA c: Efficiency (precision of 0.01)?

D_e

$L = 29$

$12.85 = H$

$G = 26$

$IMA = \dfrac{D_E}{D_R}$

$AMA = \dfrac{F_R}{F_E}$

$Eff = \dfrac{AMA}{IMA} \times 100$

$\dfrac{56}{30} = 1.87$ AMA

$\dfrac{26}{12.85} = 2.02$ IMA

$\dfrac{1.87}{2.02} \times 100$

$Eff = 92.57\%$

Write ONLY answers below this line _____

Set56

a:_____2.02_____

b:_____1.87_____

c:_____92.57_____