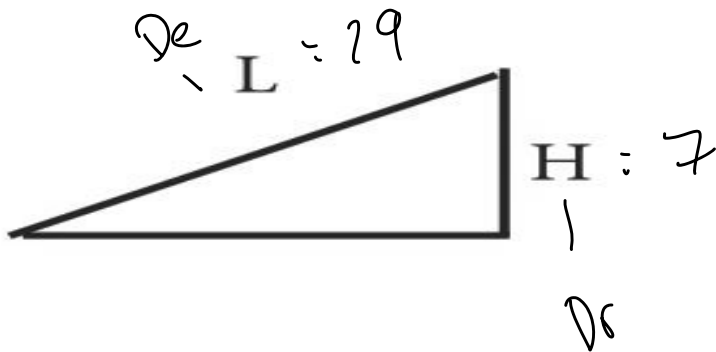


Name: _____

Given the inclined plane pictured below, when L (slope length) = 29 feet, H (height) = 7 feet, $F_e = 30$, $F_r = 60$ what is the a: IMA b: AMA c: Efficiency (precision of 0.1)?



$$IMA = \frac{D_e}{D_r}$$

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

$$IMA = \frac{29}{7}$$

$$AMA = \frac{60}{30}$$

$$EFF = \frac{AMA}{IMA} \times 100 =$$

Write ONLY answers below this line _____

Set23

a: 4.17 ft

b: 2

c: 47.96 ft