## First Class Levers



Load F<sub>L</sub> = 
$$70N$$
 Effort  $F_E = 35.0N$ 

$$F_E \times d_E = F_L \times d_L$$

$$F_E = \frac{F_L \times d_L}{d_E}$$

$$70 \times 20.0$$

 $F_E = 35.0N$ 

$$F_E = \frac{F_L \times d_L}{d_E}$$

$$F_E = \frac{70 \times 20.0}{40.0}$$