

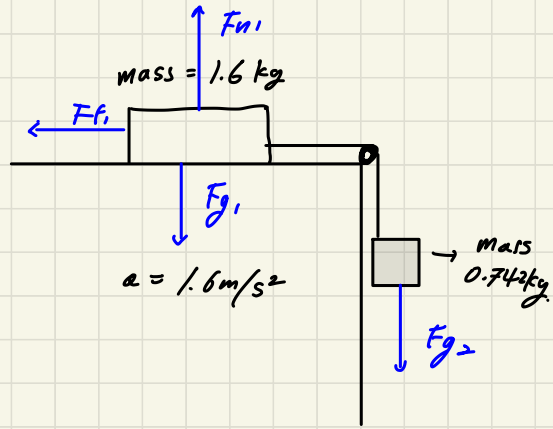
$$F_{\text{net}} = F_{g2} - F_f$$

$$F_f = F_{g2} - F_{\text{net}}$$

$$= m_2 g - m_1 a$$

$$= (0.742)(9.81) - (2.442)(0.14)$$

$$= \underline{\underline{6.94 \text{ N}}}$$



$$F_{\text{net}} = F_{g2} - F_f$$

$$F_f = F_{g2} - F_{\text{net}}$$

$$= m_2 g - m_1 a$$

$$= (0.742)(9.81) - (2.342)(1.6)$$

$$= \underline{\underline{3.53 \text{ N}}}$$