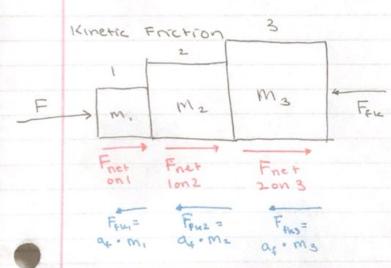


Friction less
$$\frac{3}{2}$$
 m_1 m_2 m_3

$$\overline{F}_{1 \text{ on } 2} = \frac{m_2 + m_3}{m_T} \cdot F$$

$$\overline{F}_{2 \text{ on } 3} = \frac{m_3}{m_T} F$$

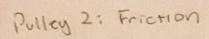


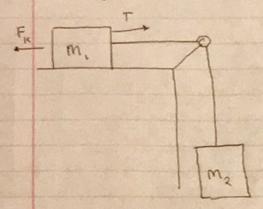
$$\mu k \cdot N = F_{ek}$$

$$a_{net} F - F_{ek}$$

$$M_{T}$$

$$a_{pric} = \frac{F_{ek}}{M_{T}}$$





$$a = \sum_{m} \frac{\sum_{i=1}^{m} f_{i}}{m_{i} + m_{i}} = \frac{m_{i}g - f_{i}}{m_{i} + m_{i}}$$