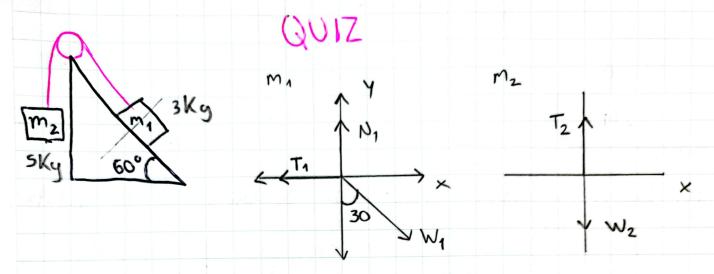
## Laura Sofia Ortiz



 $m_1$ :  $\Sigma F_{\times}$ :  $-T_1 + m_1 \cdot g \cdot sen(30) = ma \cdot \Sigma F_{\times}$ :  $T_2 - m_2 \cdot g = ma$  $\Sigma F_{\times}$ :  $N_1 - m_1 \cdot g \cdot cos(30) = 0$ 

$$7 + m_1 g sen(30) = m_1 - \alpha$$
 $7 - m_2 g = m_2 \alpha$ 

-> m, y sen (30) - m2 y = a(m1+m2)

$$-T = m_1 \cdot a - m_1 g sen(30)$$