

$$38.1 \quad m_1 = 5,4 \text{ kg}$$

$$m_2 = 48 \text{ kg}$$

$$F_1 = m_1 \cdot g = 9,81 \cdot 5,4 = 52,97 \text{ N}$$

$$F_2 = m_2 \cdot g = 9,81 \cdot 48 = 470,88 \text{ N}$$

$$38.2 \quad F = 1300 \text{ N} \quad h = 15 \text{ m}$$

$$W = F \cdot h = 1300 \cdot 15 = 19500 \text{ Nm}$$
$$= 19500 \text{ Ws}$$
$$= 19500 \text{ J}$$