

Act. 3. pág. 14 (T1)

Datos

$$m = 800 \text{ kg}$$

$$h = 15 \text{ m}$$

$$v_f = 2 \text{ m/s}$$

$$W = E_c + E_p = \frac{1}{2} m v^2 + m g h =$$

$$= \frac{1}{2} 800 \cdot 2^2 + 800 \cdot 9.8 \cdot 15 =$$

$$= 119.200 \text{ J} = 119.2 \text{ kJ}$$