

$$W = \Delta E_k = \frac{1}{2} m (v_2^2 - v_1^2)$$



$$E = E_k + E_p$$



$$E_k = \frac{1}{2} m v^2$$

$$W = F s$$

$$E = E_k + E_p = \text{konst.}$$



$$E_p = mgh$$



$$W = \Delta E_p = mg(h_2 - h_1)$$

$$W = Fs \cos \alpha$$