## Question

Potential energy change:  $E_{\it potential} = mg\Delta h = 10 \cdot 9.8 \cdot 10 = 980 \ {
m J}.$ 

The wok done against gravity:  $A = mg\Delta h = 10 \cdot 9.8 \cdot 10 = 980 \text{ J}.$ 

Answer: 980 J.