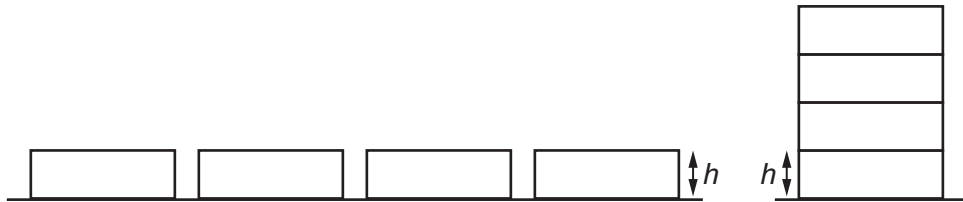


- 16** Four identical uniform blocks are spread on a table. Each block has mass  $m$  and thickness  $h$ .



The acceleration of free fall is  $g$ .

How much work is done on the blocks in stacking them on top of one another?

- A**  $3mgh$                       **B**  $6mgh$                       **C**  $8mgh$                       **D**  $10mgh$

- 17** A bulb is rated at  $1.71\text{ W}$  for a potential difference of  $120\text{ V}$ .