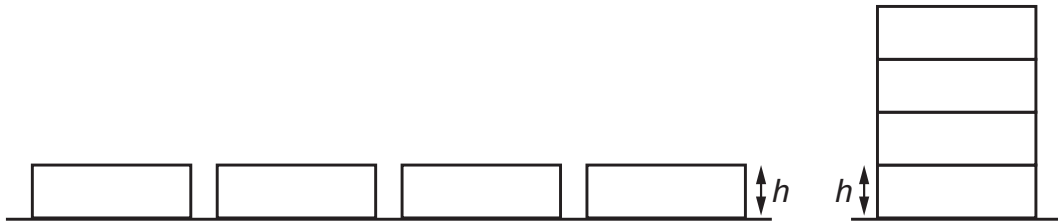


**16** Four identical uniform blocks are spread on a table. Each block has mass  $m$  and thickness  $h$ .



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**  $10mgh$