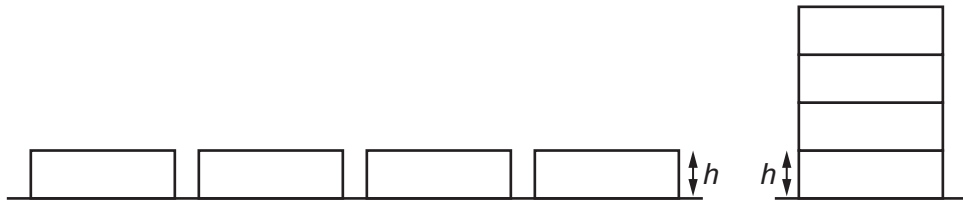


18 Initially, four identical uniform blocks, each of mass m and thickness h , are spread on a table.



The acceleration of free fall is g .

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

A $3 mgh$

B $6 mgh$

C $8 mgh$

D $10 mgh$