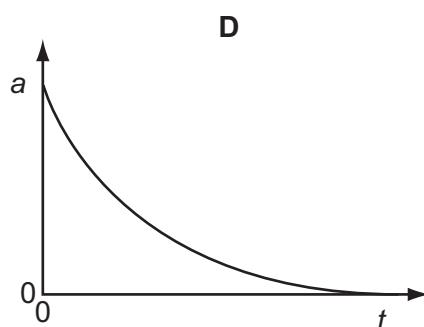
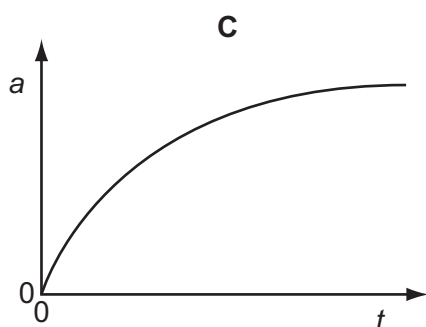
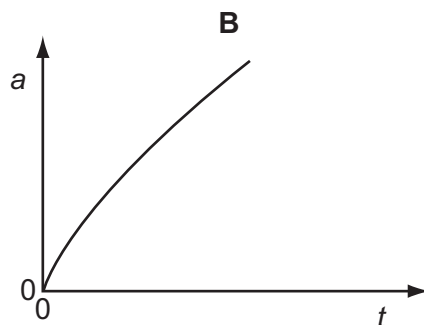
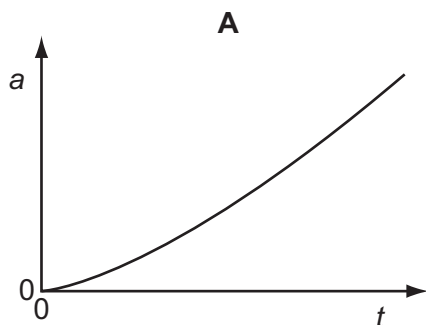
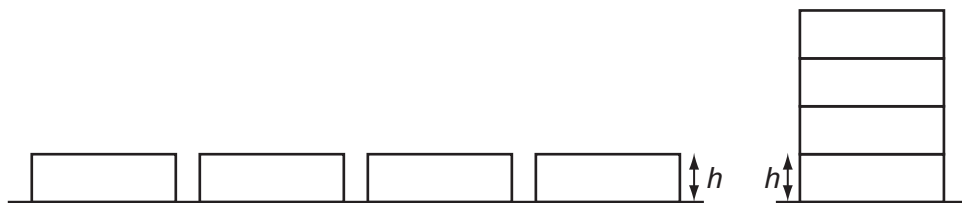


**16** A sphere is released from rest in a viscous fluid.

Which graph represents the variation with time  $t$  of the acceleration  $a$  of the sphere?



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



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**  $10 mgh$

**Space for working**