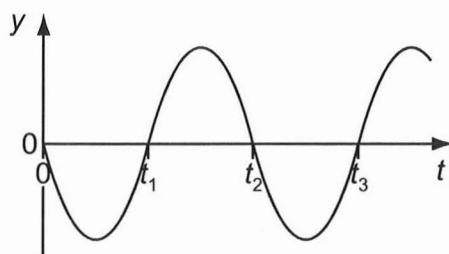


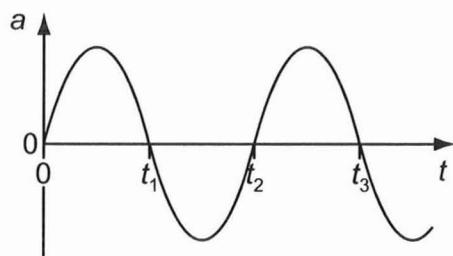
**15** The oscillations of a mass suspended on a spring are simple harmonic.

The variation with time  $t$  of the displacement  $y$  of the mass is shown.

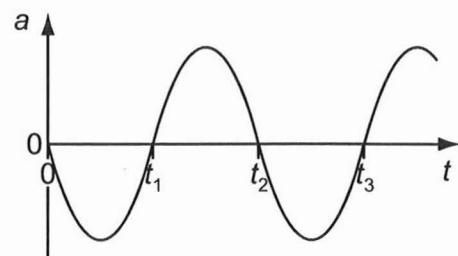


Which graph shows the variation with time  $t$  of the acceleration  $a$  of the mass?

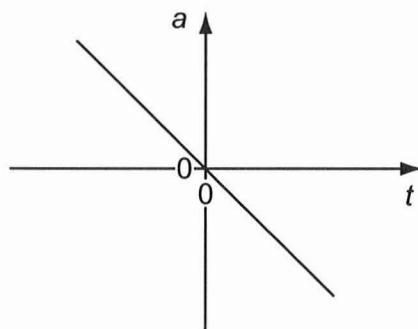
**A**



**B**



**C**



**D**

