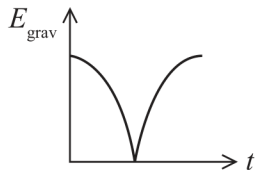
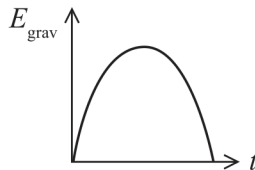


- 8 A ball is dropped, bounces once and is then caught.

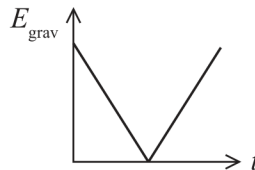
Which of the following graphs of gravitational potential energy  $E_{\text{grav}}$  against time  $t$  could represent the motion of the ball?



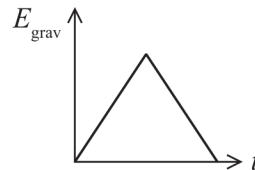
☐ A



☐ B



☐ C



☐ D

(Total for Question 8 = 1 mark)