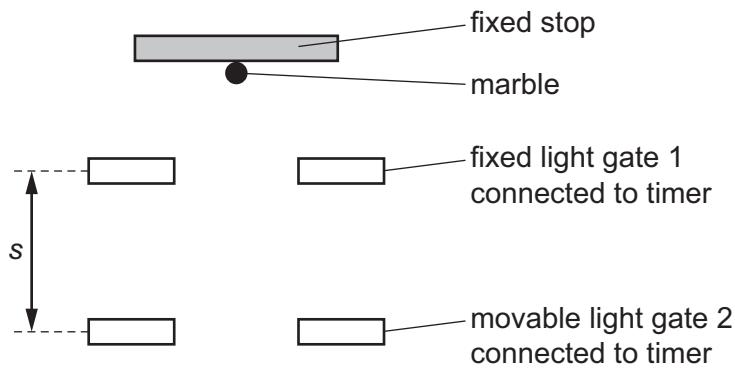


- 7 One of the equations of uniformly accelerated motion is shown.

$$s = ut + \frac{1}{2}at^2$$

Apparatus is arranged to record the time t taken for a marble to fall between two light gates connected to timers. The marble touches the stop before it is released. The vertical distance s between the light gates is measured.



Which graph does **not** show a correct relationship when light gate 2 moves up to light gate 1 which is fixed?

