

- 6 A student determined the acceleration of free fall g .

She measured the time t for a ball bearing to fall from rest through a distance s .
She repeated this for a range of values of s .

Which row of the table shows the graph that would give a gradient equivalent to g ?

	y-axis	x-axis
<input type="checkbox"/> A	s	$2t^2$
<input type="checkbox"/> B	$2s$	t^2
<input type="checkbox"/> C	s	$2t$
<input type="checkbox"/> D	$2s$	t

(Total for Question 6 = 1 mark)