

- 4 A student measures the time t taken for a ball bearing to fall different measured distances s from rest. The student uses his measurements to plot a graph with a gradient equal to the acceleration due to gravity g .

Which row of the table shows a graph with a gradient equal to g ?

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

(Total for Question 4 = 1 mark)