

Stacks of Graphs #1

Name _____ Period _____ Date _____

In each column, fill in the empty boxes so that the graphs, motion map, and written description all “tell the same story”. The entire column should be self-consistent. You may add numbers to the graphs if it helps you. Pay careful attention to relative steepness and distance from the axis for different sections!

	1	2	3	4
position graph				
velocity graph				
motion map				
written description				

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	5	6	7	8
position graph				
velocity graph				
motion map				
written description	<p>The object moves with constant positive velocity for 4 s. It then stops for 2 s and returns to its initial position in 2 s.</p>		<p>Object A starts 10 m to the right of the origin and moves left at 2 m/s. Object B starts at the origin and moves right at 3 m/s.</p>	