

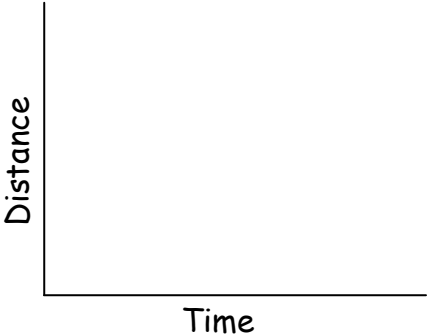
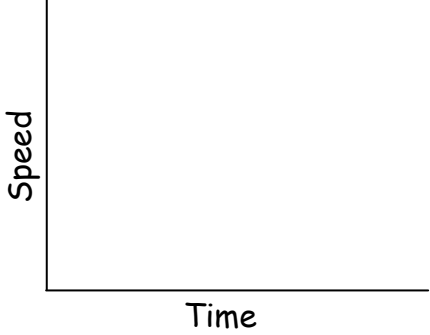
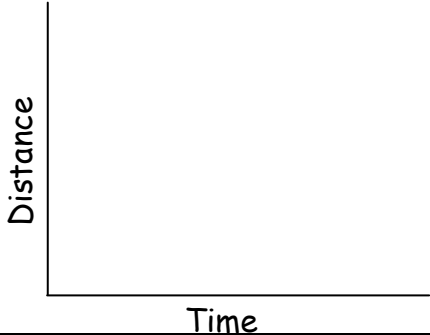
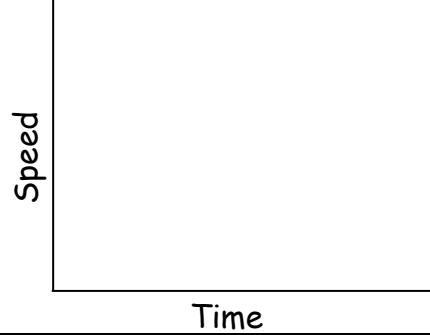
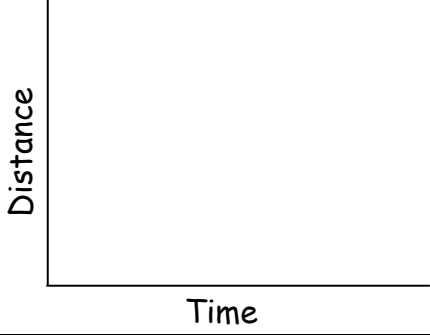
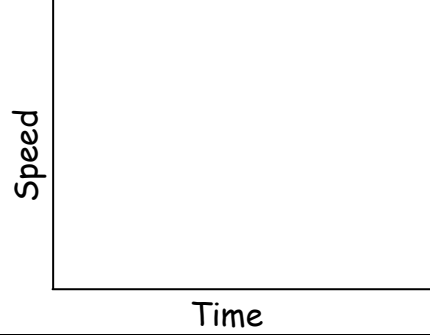
Comparing Distance/Time Graphs to Speed/Time Graphs

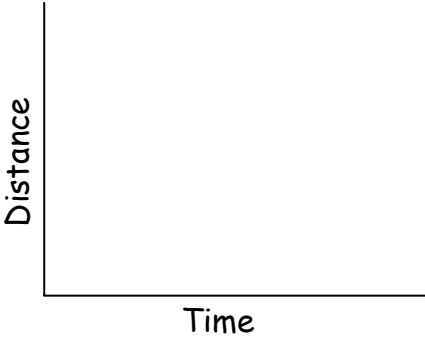
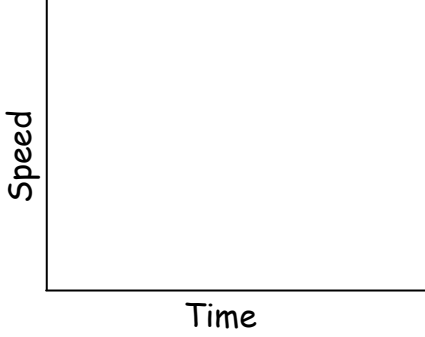
Name _____

Date _____

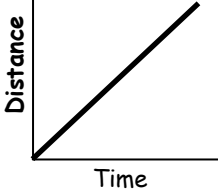
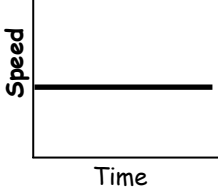
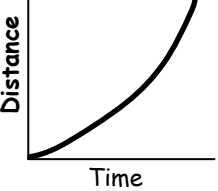
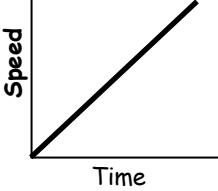
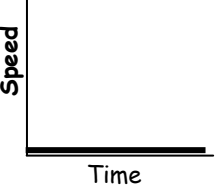
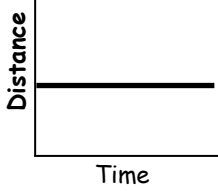
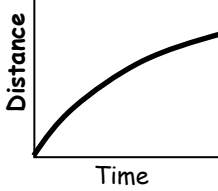
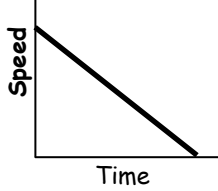
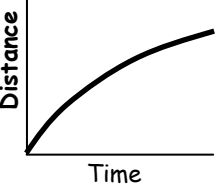
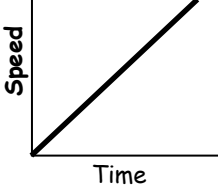
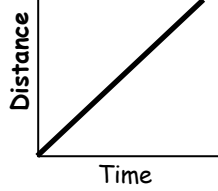
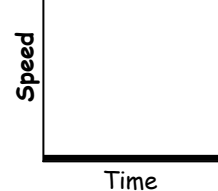
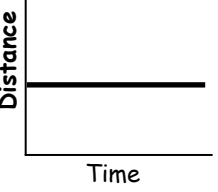
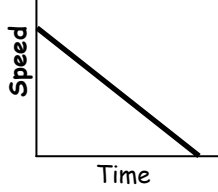
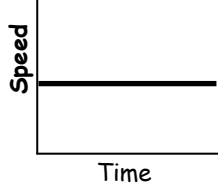
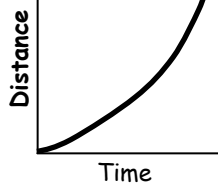
Period _____

Sketch an example of each of the labeled graphs below. Write a sentence that explains the difference between the Distance vs. Time graph and the Speed vs. Time graph.

Distance vs. Time	Objects Type of Motion	Speed vs. Time
	<p>Object moving at a <u>constant speed</u></p>	
<hr/> <hr/> <hr/>		
	<p>Object <u>accelerating</u> (positive acceleration)</p>	
<hr/> <hr/> <hr/>		
	<p>Object <u>Slowing down</u> (Negative acceleration)</p>	
<hr/> <hr/> <hr/>		

Distance vs. Time	Objects Type of Motion	Speed vs. Time
	Object is <u>stopped</u>	
<hr/> <hr/> <hr/>		

Read the graphs below and describe in a short sentence what the car is doing. Is the car accelerating, staying at a constant speed, slowing down, or stopped?

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