



Explore Student Journal

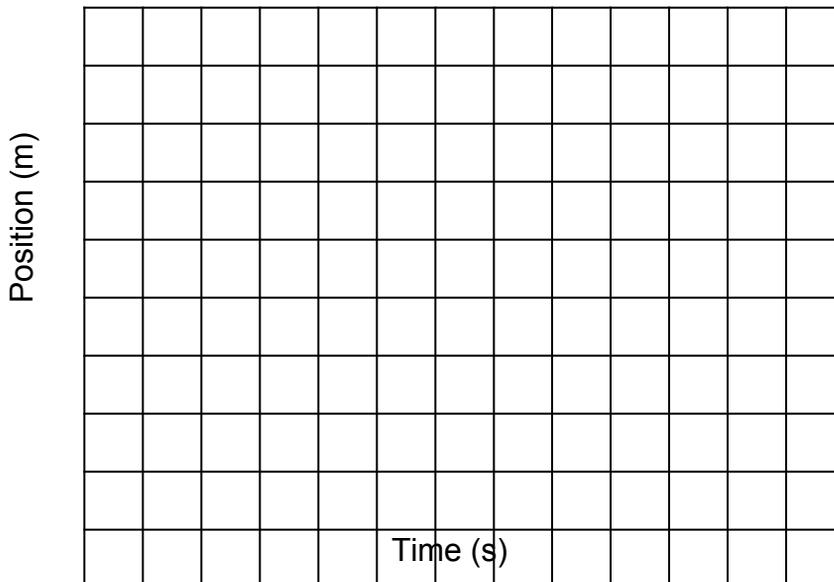
Part I: Different Graphs, Different Stories

- Fill in the data table based on the story. The math class is your reference point. Use your formula card to find the formula for speed. The first two lines have been completed for you.

Time (s)	Position (m)	Distance (m)	Speed (m/s)
0 s	0 m	0 m	0 m/s
30 s	100 m	100 m	$100\text{m}/30\text{s} = 3.3 \text{ m/s}$

- Create a Position v. Time Graph based on the information in your data table. Remember to use the math class as your reference point.

Title: _____



Legend

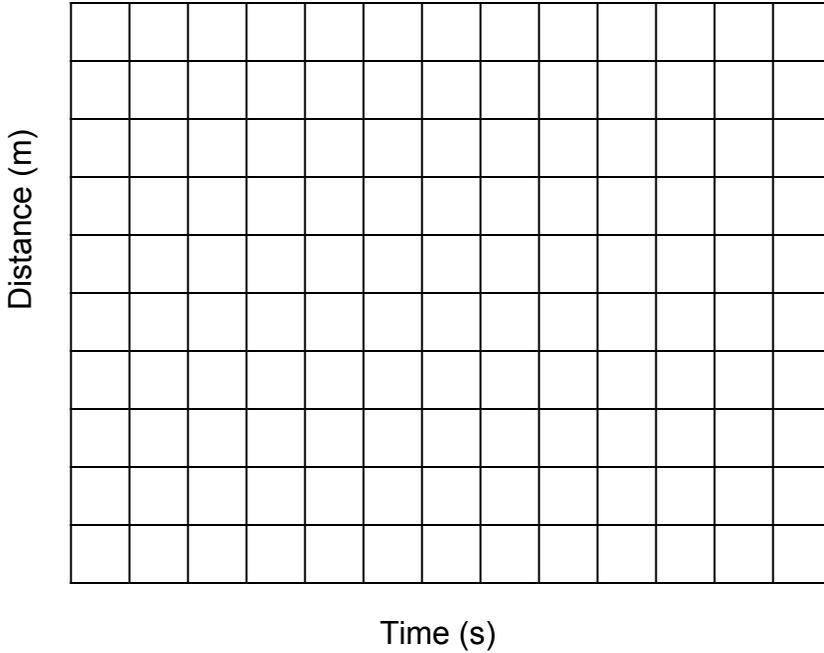


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Part I: Different Graphs, Different Stories, continued

3. Create a Distance v. Time Graph based on the information in your data table. Remember, you are using the total distance traveled in your trip; you are not comparing your motion to a reference point.

Title: _____

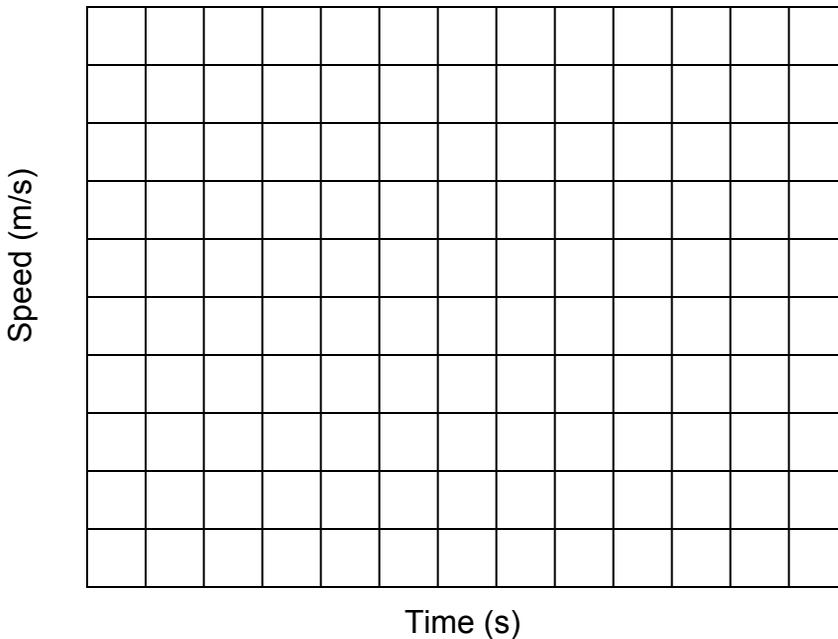


Legend

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4. Create a Speed v. Time Graph based on the information in your data table.

Title: _____



Legend

A legend box containing a horizontal line.