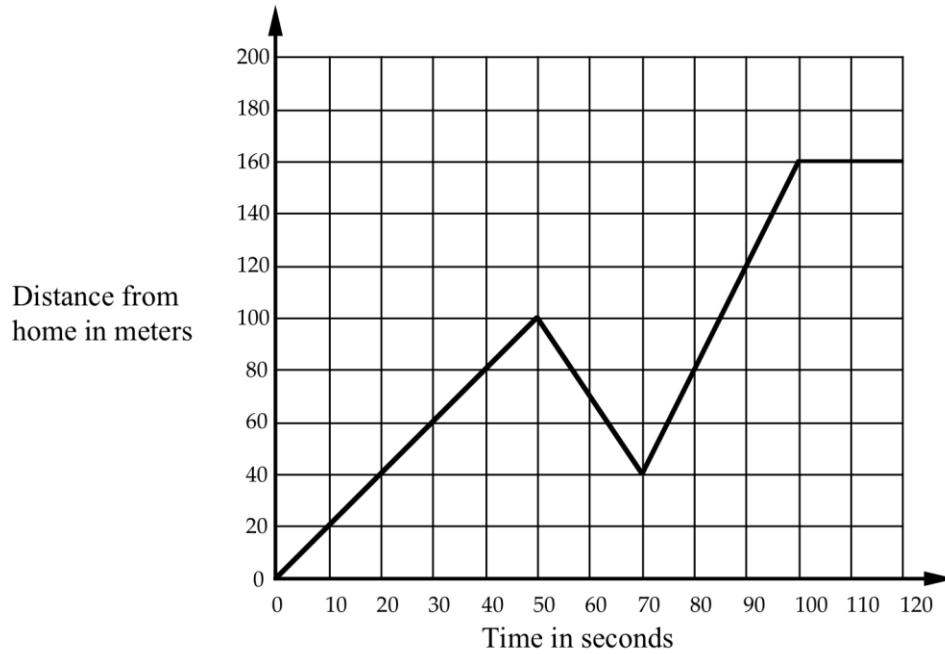


Journey to the Bus Stop

Every morning Tom walks along a straight road from his home to a bus stop, a distance of 160 meters. The graph shows his journey on one particular day.



1. Describe what may have happened. You should include details like how fast he walked.

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2. Are all sections of the graph realistic? Fully explain your answer.

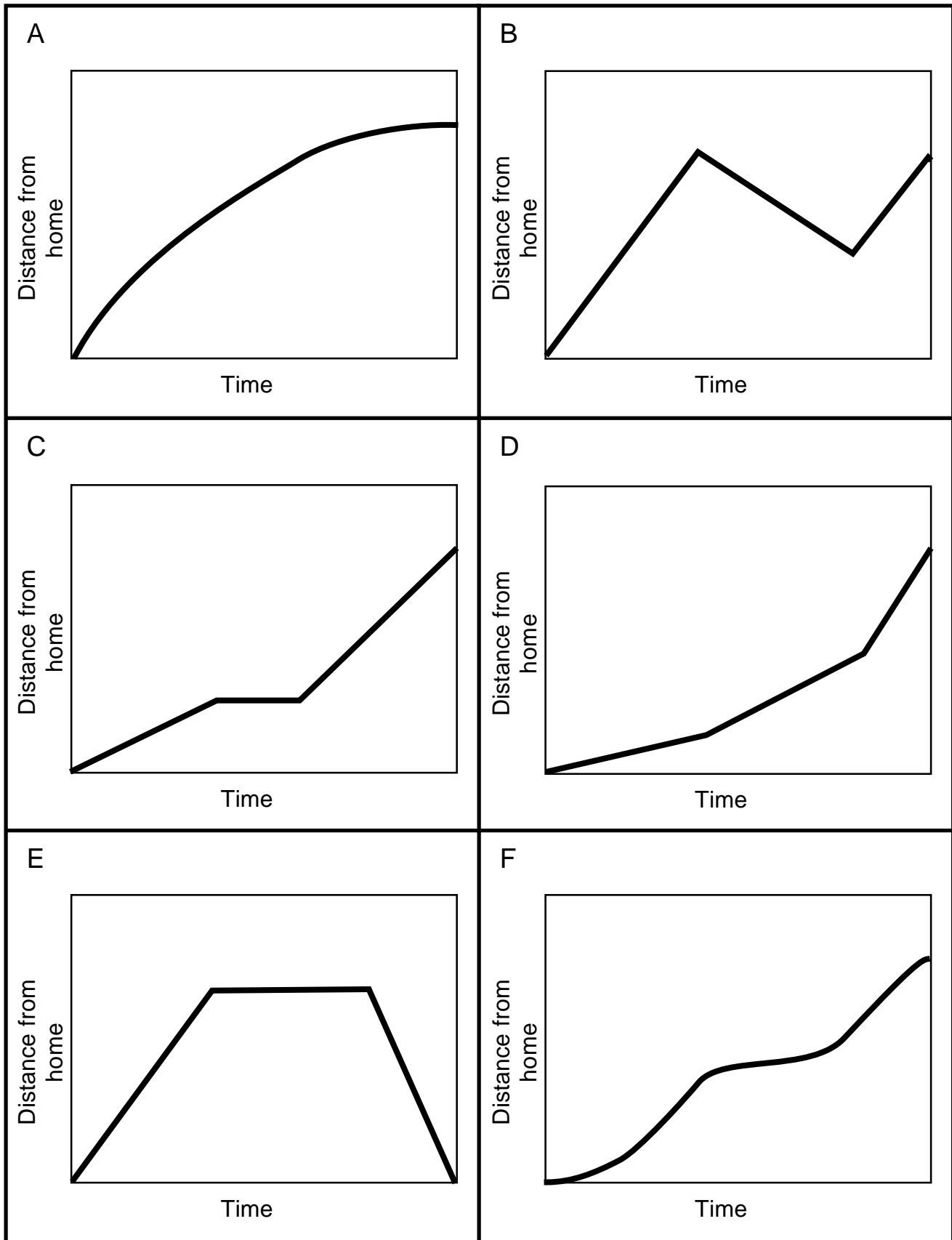
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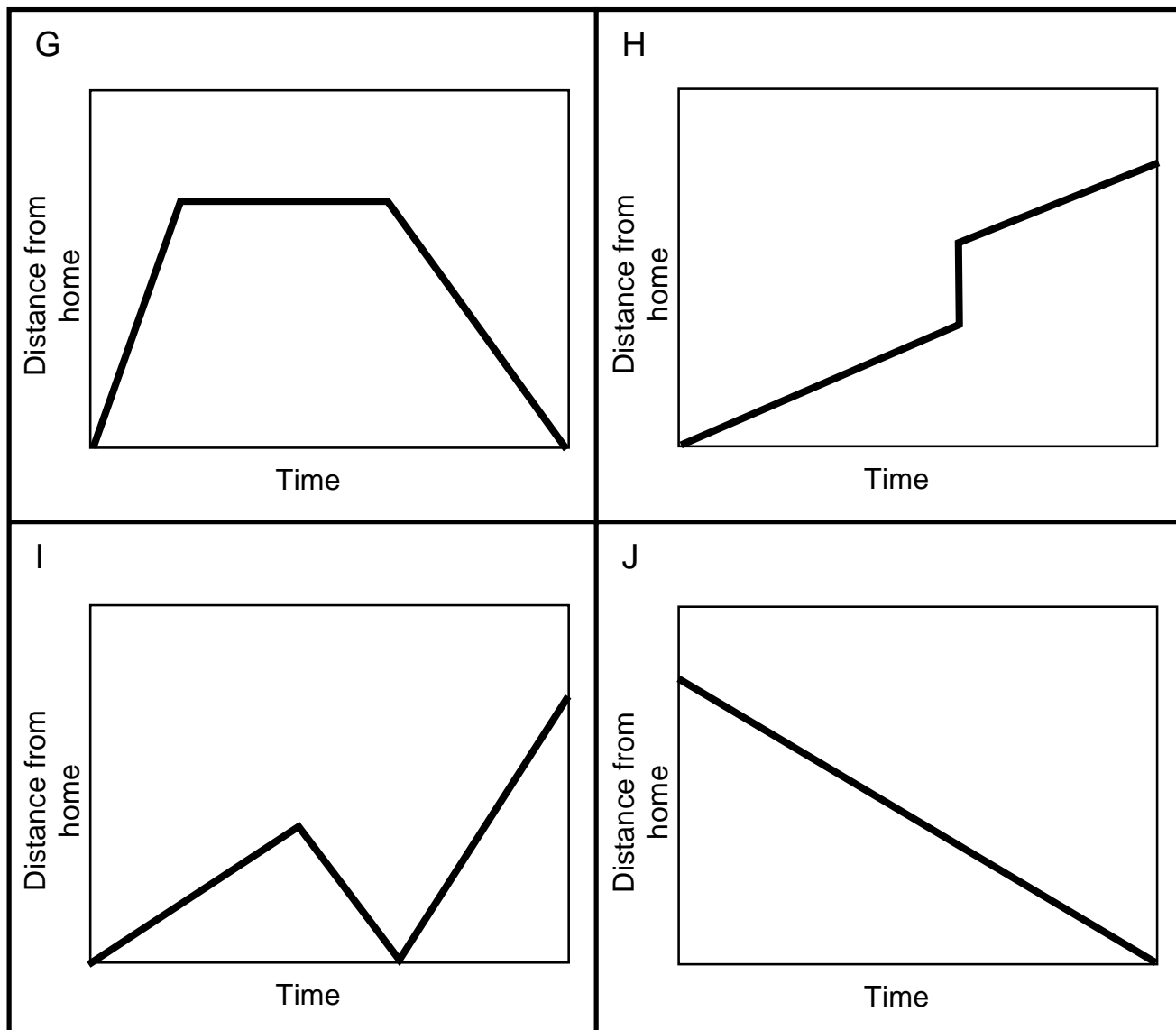
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Card Set A: Distance–Time Graphs



Card Set A: Distance–Time Graphs (continued)



Card Set B: Interpretations

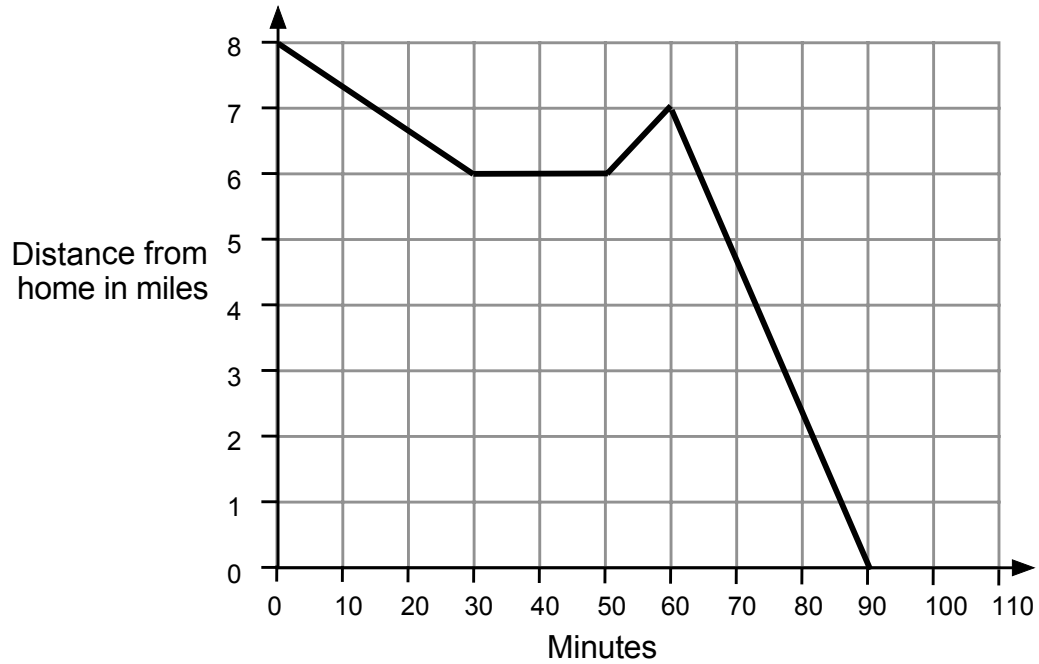
<p>1 Tom ran from his home to the bus stop and waited. He realized that he had missed the bus so he walked home.</p>	<p>2 Opposite Tom's home is a hill. Tom climbed slowly up the hill, walked across the top, and then ran quickly down the other side.</p>
<p>3 Tom skateboarded from his house, gradually building up speed. He slowed down to avoid some rough ground, but then speeded up again.</p>	<p>4 Tom walked slowly along the road, stopped to look at his watch, realized he was late, and then started running.</p>
<p>5 Tom left his home for a run, but he was unfit and gradually came to a stop!</p>	<p>6 Tom walked to the store at the end of his street, bought a newspaper, and then ran all the way back.</p>
<p>7 Tom went out for a walk with some friends. He suddenly realized he had left his wallet behind. He ran home to get it and then had to run to catch up with the others.</p>	<p>8 This graph is just plain wrong. How can Tom be in two places at once?</p>
<p>9 After the party, Tom walked slowly all the way home.</p>	<p>10 Make up your own story!</p>

Card Set C: Tables of Data

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Journey Home

Sylvia bikes home along a straight road from her friend's house, a distance of 8 miles. The graph shows her journey.



1. Describe what may have happened. You should include details like how fast she bikes.

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2. Are all sections of the graph realistic? Fully explain your answer.

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