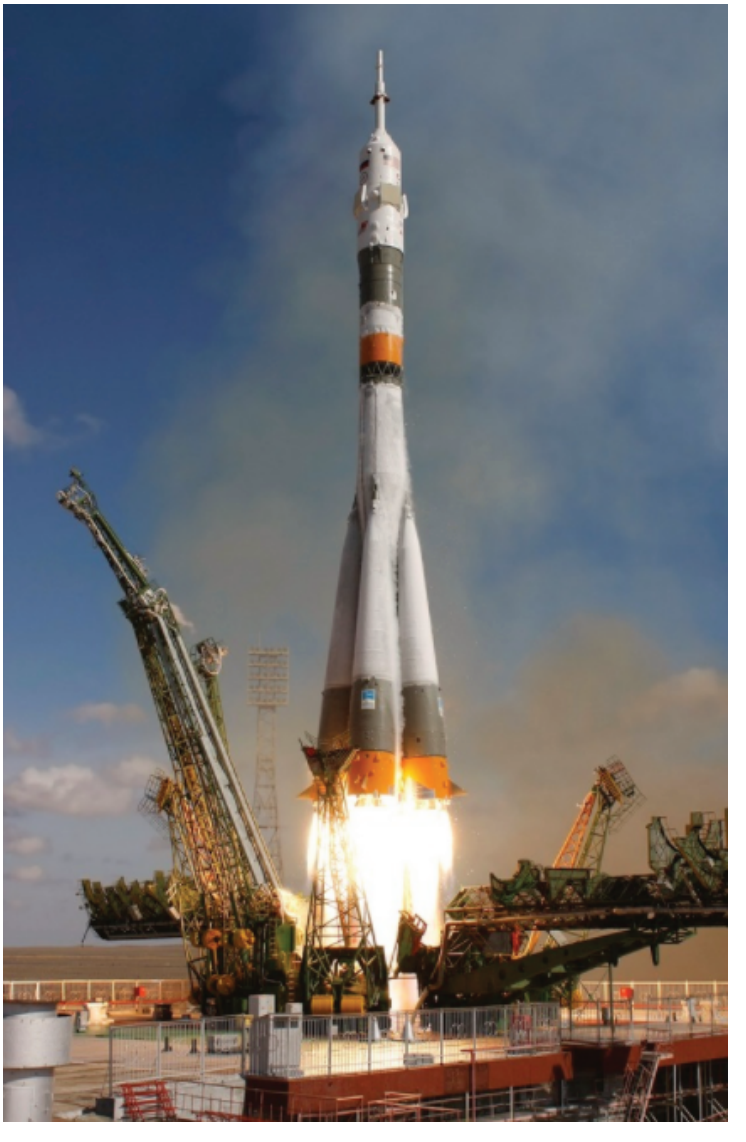
Lesson 1: Describing Graphs

- Let's describe graphs

1.1: Notice and Wonder: A Rocket Path



A rocket is shot into the air and some aspects of its flight are shown in the graph.

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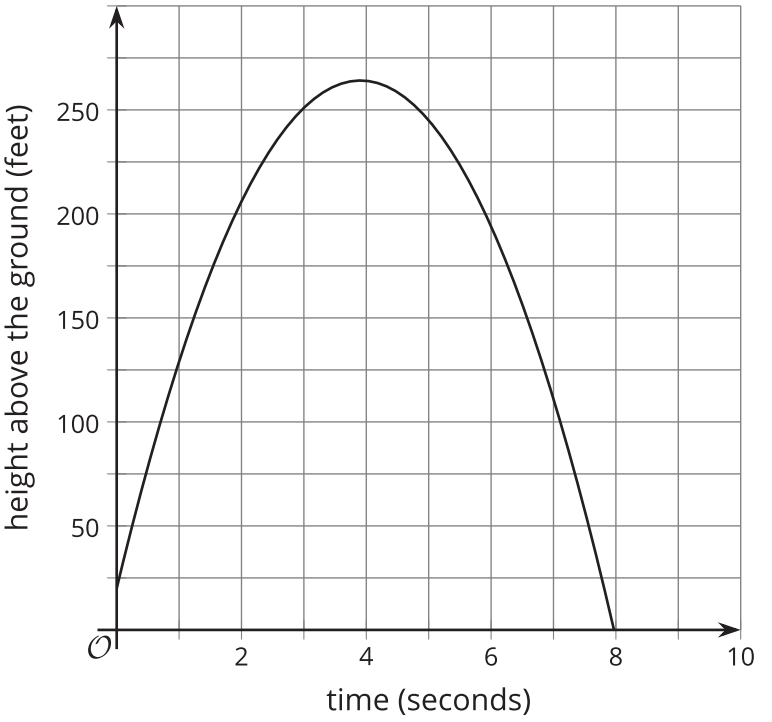

What do you notice? What do you wonder?

1.2: Matching Descriptions and Graphs

Match the graph to the description of the situation.

Match each description in column A with a graph from column B that represents the situation. Be prepared to explain your reasoning.

1. Take turns with your partner to match a description with a graph.
   a. For each match that you find, explain to your partner how you know it's a match.

   b. For each match that your partner finds, listen carefully to their explanation. If you disagree, discuss your thinking and work to reach an agreement.

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1. Mai begins at home and walks away from her home at a constant rate. **A**

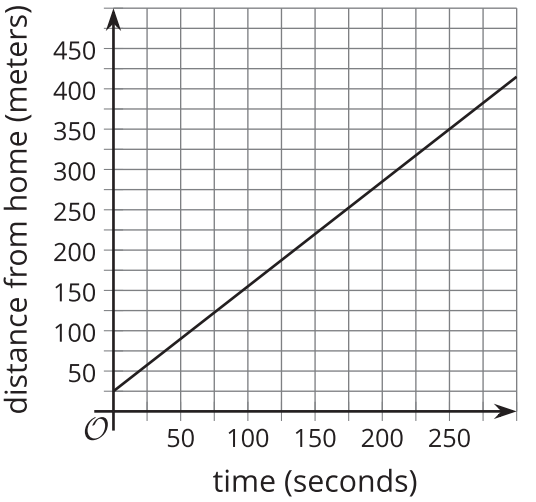
2. Jada begins at a neighbor's house and walks away from home at a constant rate.

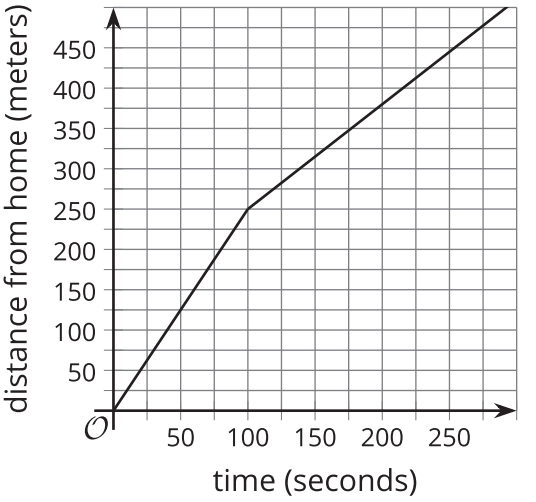
3. Clare begins her walk at school and walks home at a constant rate.

4. Elena begins at home and runs away from her home at a constant rate. **B**

5. Lin begins at home and walks away from home for a while, then walks back home.

6. Priya begins at home and runs away from home, then walks for a while.





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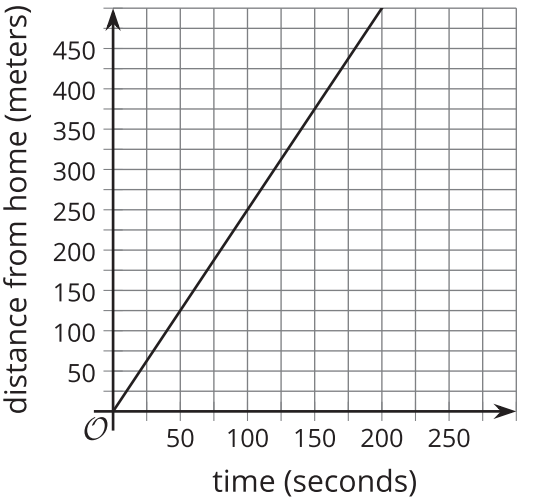

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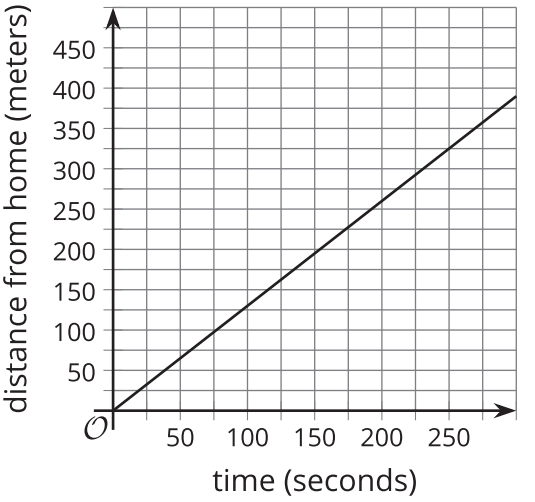

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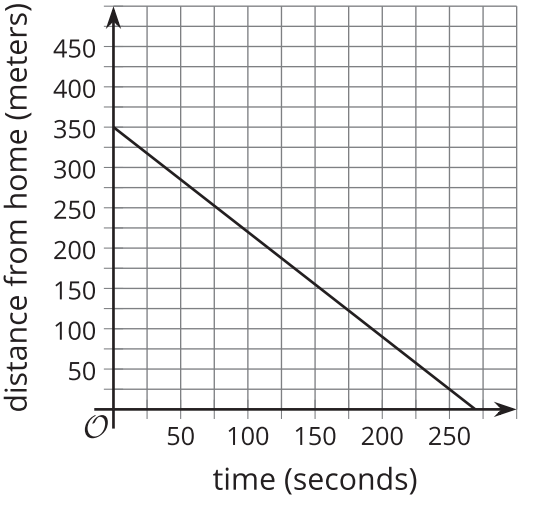

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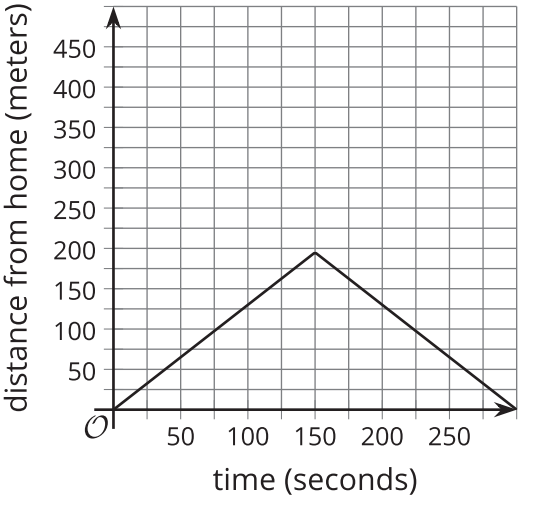

1.3: Say What You See

In your own words, describe these graphs.

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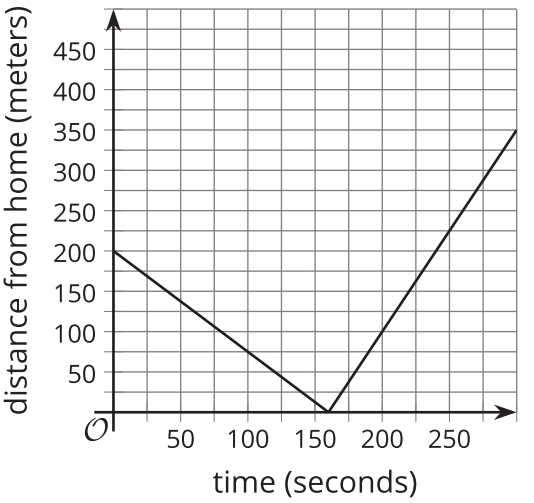
1.



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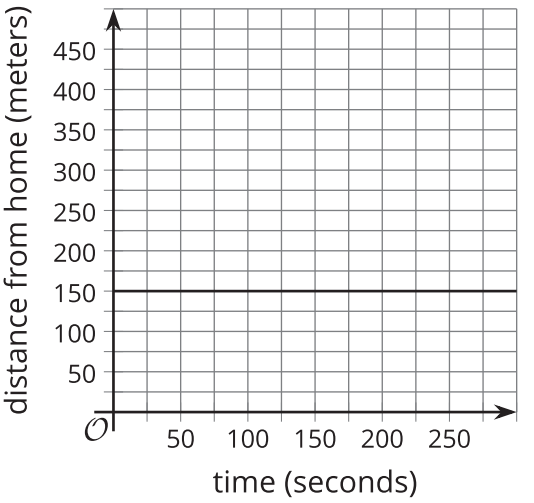

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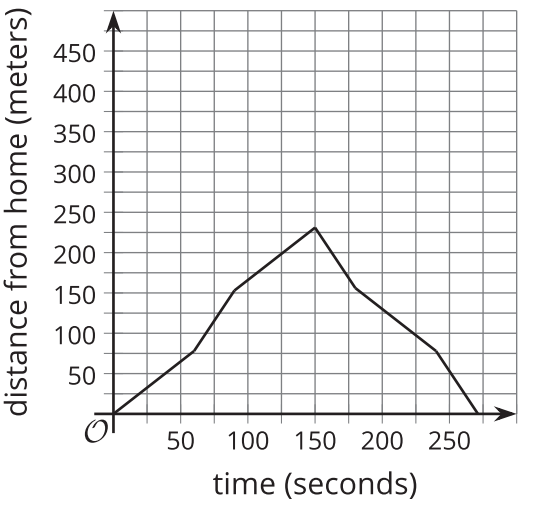

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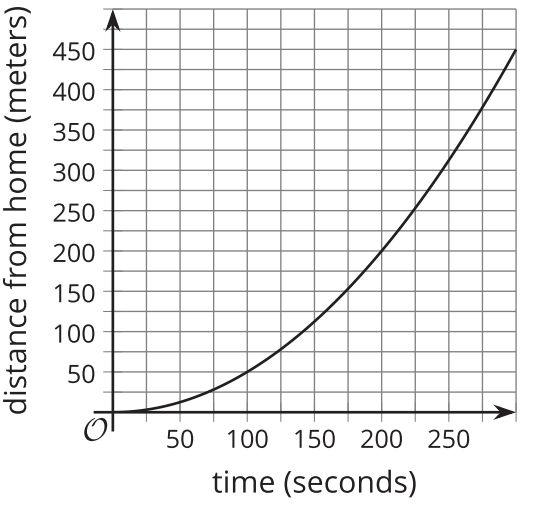

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