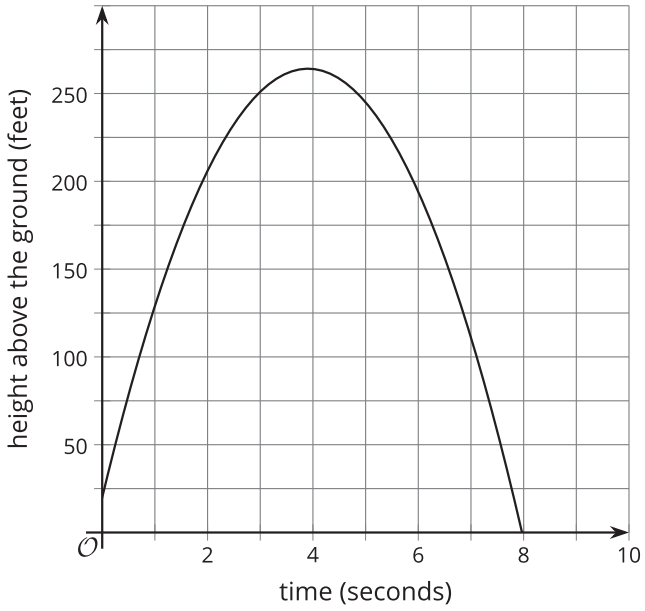
Unit 5, Lesson 1

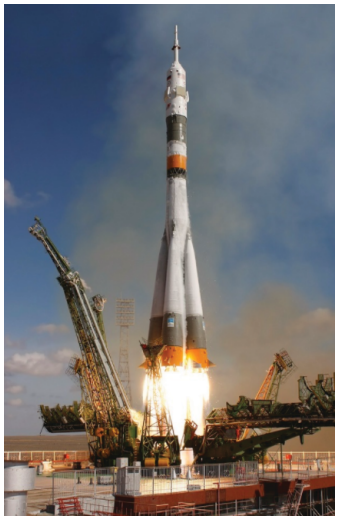
Describing Graphs

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.





What do you notice? What do you wonder?

1.2 Matching Descriptions and Graphs

Take turns with your partner to match a description with a graph. Be prepared to explain your reasoning.

- For each match that you find, explain to your partner how you know it's a match.
- For each match that your partner finds, listen carefully to the explanation. If you disagree, discuss your thinking and work to reach an agreement.

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

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

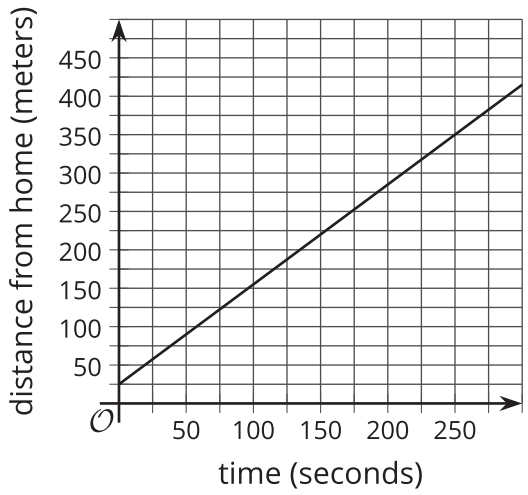
3. Clare begins her walk at school and walks home at a constant rate.

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

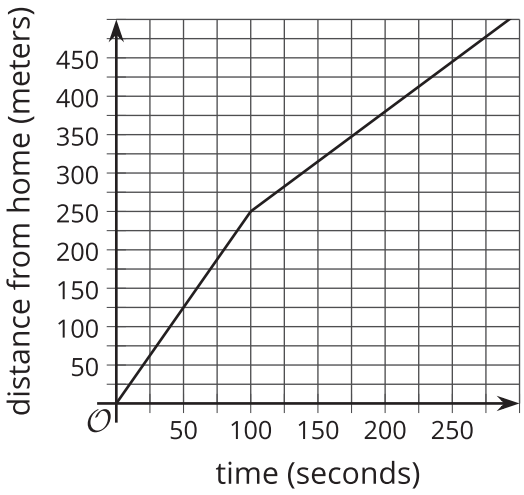
5. Lin begins at home and walks away from home for a while, then walks back home.

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

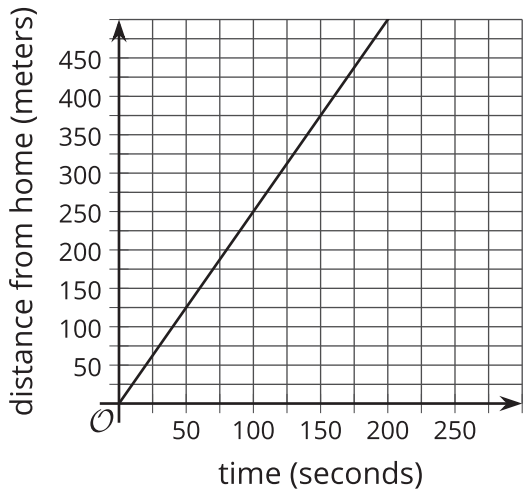
A


distance from home (meters)
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time (seconds)

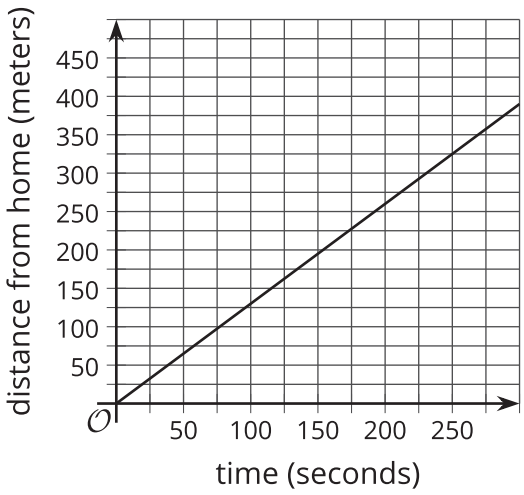
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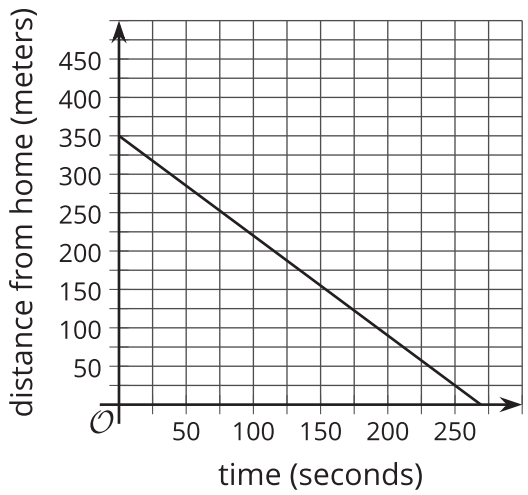
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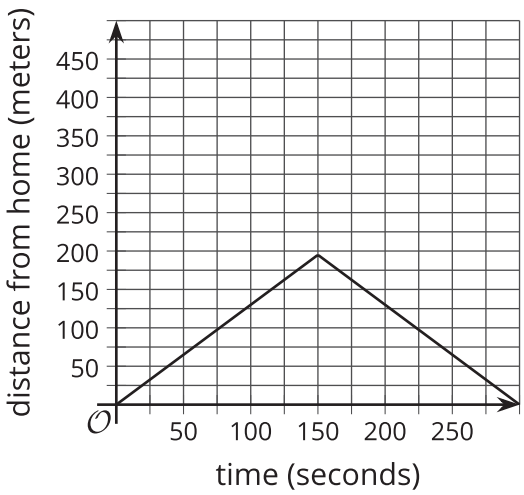
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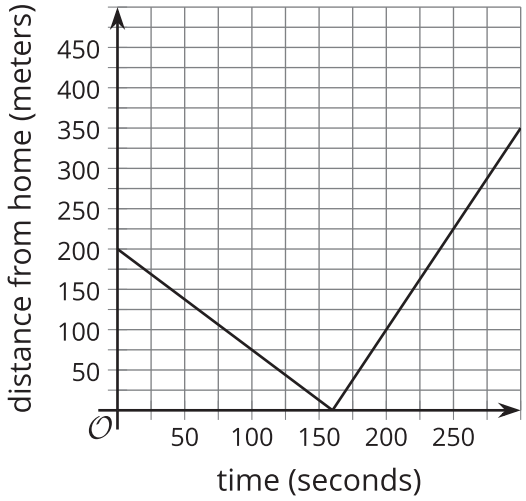
F


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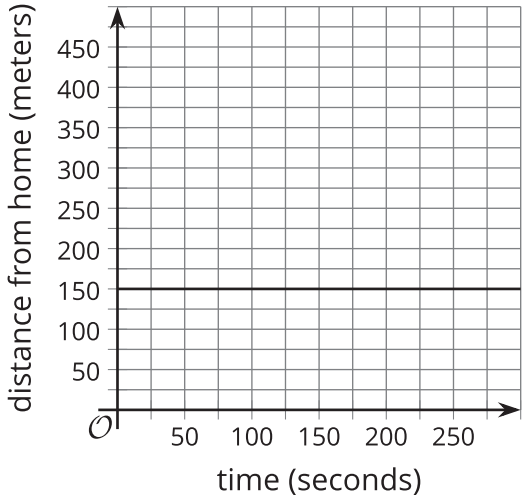
1.3 Say What You See

In your own words, describe these graphs.

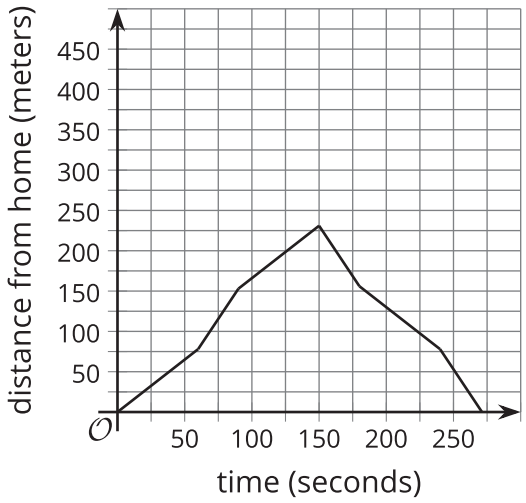
1.



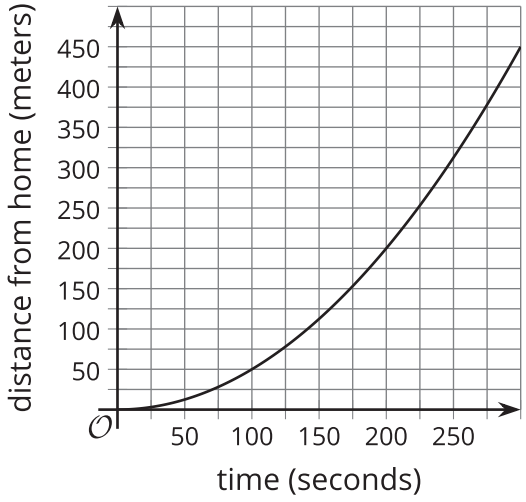
2.



3.


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time (seconds)

4.


distance from home (meters)
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100
150
200
250
time (seconds)