

Algebra 1 Homework COMPLETE #1-6 BELOW AND BE PREPARED TO SHARE YOUR ANSWERS.

LESSON 1.1

1. Write the definition of INDEPENDENT VARIABLE.

2. Write the definition of DEPENDENT VARIABLE.

3. Name the axis where the INDEPENDENT VARIABLE is labelled.

4. Name the axis where the DEPENDENT VARIABLE is labelled.

5. Complete the CHECK FOR STUDENT UNDERSTANDING ON THE BACK OF THIS PAGE.



6. Consider the scenario *A Trip to School*.
 - a. Write a scenario and sketch a graph to describe a possible trip on a different day.

Scenario

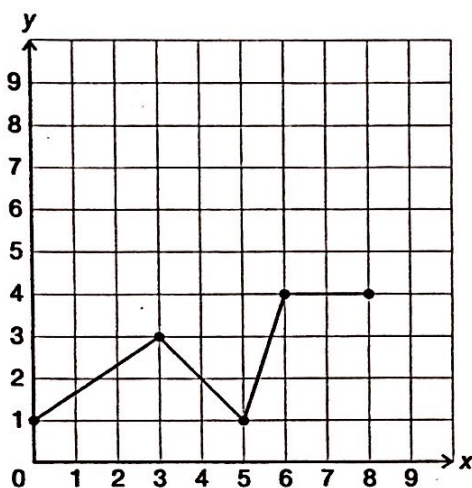
Graph

Check for Students' Understanding

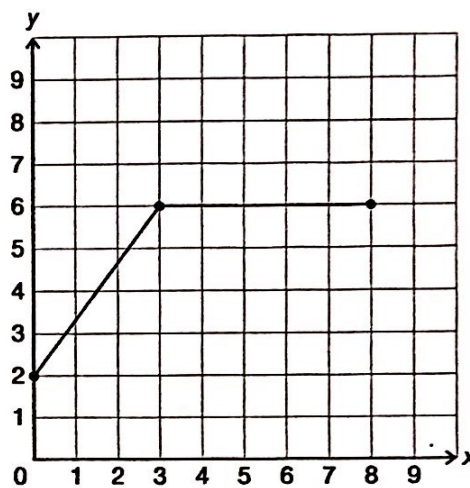
Two graphs are shown.

- One graph describes Molly's height in inches over a period of years.
- One graph describes Molly's weight in pounds over a period of years.

Graph 1



Graph 2



1. Match each graph with the appropriate scenario and explain your reasoning.

2. Identify the independent and dependent quantities in Graph 1.

3. Identify the independent and dependent quantities in Graph 2.

4. Label each axis with the appropriate quantity and unit.