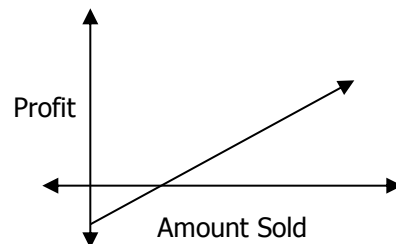


**Algebra Unit 1 Function Relationships**  
**Day 5 Interpreting Graphs**

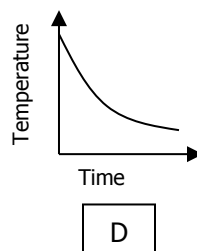
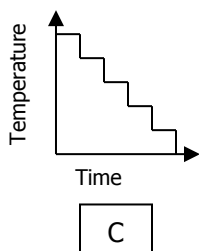
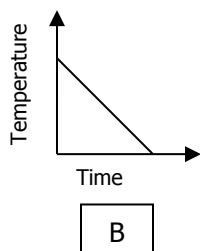
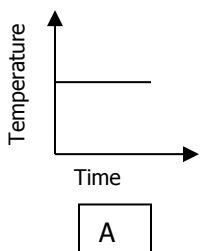
**Name:** \_\_\_\_\_  
**Date:** \_\_\_\_\_ **Hour:** \_\_\_\_\_

**Example 1:** Lemonade Stand

- a. Why does the graph show values below zero?
- b. What is the meaning of the point where the graph crosses the horizontal axis?

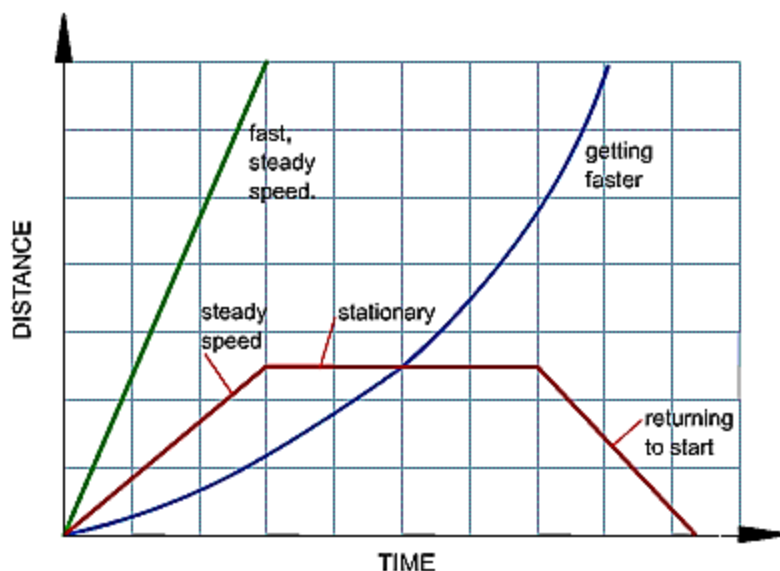


**Example 2:** A hot piece of aluminum foil cools to the temperature of the room. Circle the graph that matches the situation. What is incorrect for each of the other three graphs.



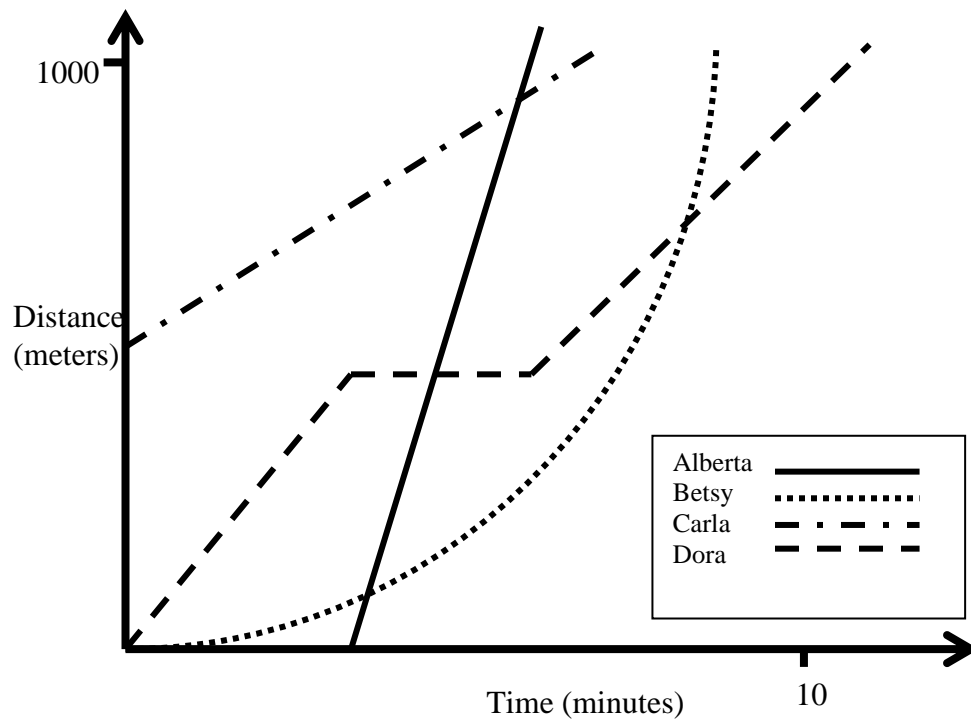
---

## Interpreting Distance Verses Time Graphs



### **Example 3: The Four Sister Race**

One day four sisters, Alberta, Betsy, Carla, and Dora had a 1000 meter race. The graph below is a sketch describing what happened that day.



You are the race announcer. Write a description of what happened during the race. Since it is a rough sketch you do not need to measure anything accurately, just tell what might have happened for each person.

Alberta:

Betsy:

Carla:

Dora:

How long is the race?

Who won the race?

Complete the Distance vs Time Graph matching activity. When done check your answers. You may begin the homework when your group has completed the activity.

**Homework:** Day 5 Practice Worksheet #1 and Worksheet #2