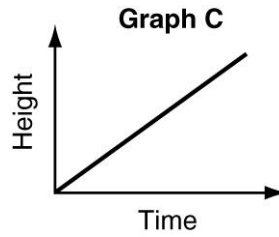
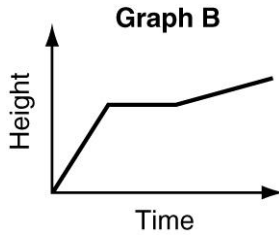
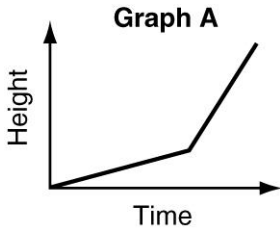


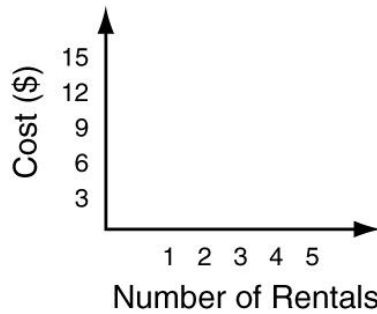
# Graphing Stories Homework

Choose the graph that best represents each situation.



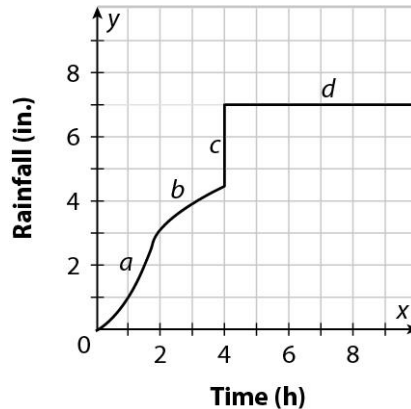
1. A tomato plant grows taller at a steady pace. \_\_\_\_\_
2. A tomato plant grows quickly at first, remains a constant height during a dry spell, then grows at a steady pace. \_\_\_\_\_
3. A tomato plant grows at a slow pace, then grows rapidly with more sun and water. \_\_\_\_\_
4. Lora has \$15 to spend on movie rentals for the week. Each rental costs \$3. Sketch a graph to show how much money she might spend on movies in a week. Tell whether the graph is continuous or discrete. \_\_\_\_\_

## Movies



Use the graph at the right.

5. The graph shows the amount of rainfall during one storm. What does segment *d* represent?  
\_\_\_\_\_  
\_\_\_\_\_
6. Which segment represents the heaviest rainfall?  
\_\_\_\_\_

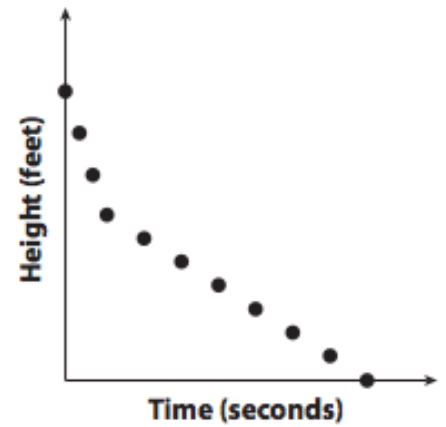


For each situation, tell whether a graph of the situation would be a continuous graph or a discrete graph.


7. the number of cans collected for recycling \_\_\_\_\_
8. pouring a glass of milk \_\_\_\_\_
9. the distance a car travels from a garage \_\_\_\_\_

**There is a back!**

10. **Explain the Error** A student is told to draw a graph of the situation which represents the height of a skydiver with respect to time. He drew the following graph. Explain the student's error and draw the correct graph.



### Spiral Review

11. Solve and graph  $\frac{1}{4}x + 60 \geq 51$       

12. Solve  $8(x + 4) - (x - 1) = 5x + 33 + 2x$