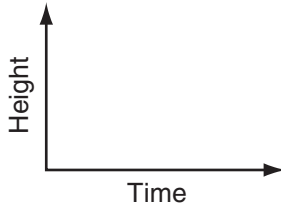


LESSON
4-1

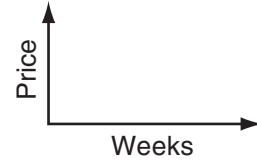
Problem Solving
Graphing Relationships

Sketch a graph for the given situation. Tell whether the graph is discrete or continuous.

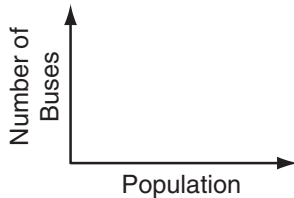
1. A giraffe is born 6 feet tall and continues to grow at a steady rate until it is fully grown.



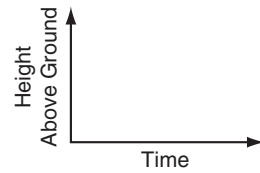
2. The price of a used car is discounted \$200 each week.



3. A city planner buys more buses as the population of her city grows.



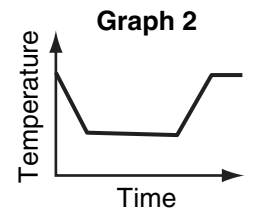
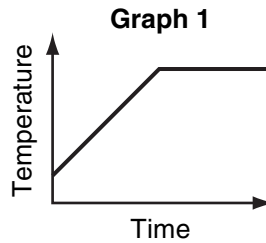
4. Joseph is sky-diving. At first, he is free-falling rapidly and then he releases his parachute to slow his descent until he reaches the ground.



Choose the graph that best represents the situation.

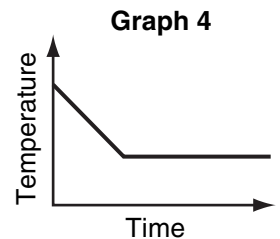
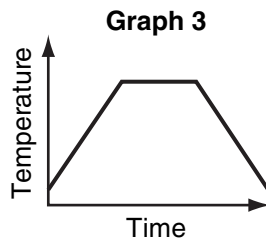
5. Rebekah turns on the oven and sets it to 300°F. She bakes a tray of cookies and then turns the oven off.

- A** Graph 1 **C** Graph 3
B Graph 2 **D** Graph 4



6. Leon puts ice cubes in his soup to cool it down before eating it.

- F** Graph 1 **H** Graph 3
G Graph 2 **J** Graph 4



7. Barlee has the flu and her temperature rises slowly until it reaches 101°F.

- A** Graph 1 **C** Graph 3
B Graph 2 **D** Graph 4

8. On a hot day, Karin walks into and out of an air-conditioned building.

- F** Graph 1 **H** Graph 3
G Graph 2 **J** Graph 4