

# From Stories to Graphs

Name \_\_\_\_\_

1. In a walking experiment, Josephine walked a total distance of 40 feet. At the halfway point, she had walked for 25 seconds. She stopped for 5 seconds to tie her shoe and then continued walking for 25 more seconds. Sketch a graph that shows Josephine's distance from the starting point over time.

2. You are gathering data in the school cafeteria from 8:00 A.M. to 3:00 P.M. Sketch a graph that tells a story about the number of cans of soda in a vending machine over that time. Write a paragraph that tells the same story in words.

3. You are mowing the lawn. As you mow, the amount of grass to be cut decreases. You mow at the same rate until about half the grass has been cut. Then you take a break for a while. Then, mowing at the same rate as before, you finish cutting the grass. Sketch a graph that shows how much uncut grass is left as you mow, take your break, and finish mowing.