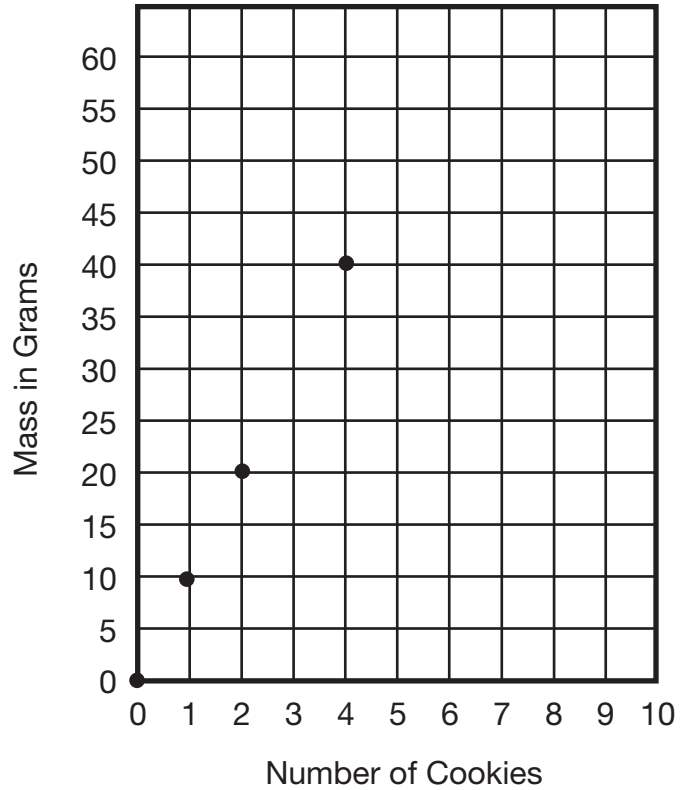**4.** A cookie company wants all the cookies from the factory to be the same. Here is a graph made by a cookie inspector.

A. Describe the graph.

Mass vs. Number of Cookies

B. Do the points lie close to a straight line? If so, use a ruler to draw a best-fit line.

C. If possible, predict the mass of 3 cookies. Show any work on the graph.

D. If possible, predict the mass of 5 cookies. Show any work on the graph.

E. Did you use interpolation or extrapolation to answer Question 4C?

F. List the ordered pairs that the cookie inspector graphed.

G. Look at the ordered pairs. Do you see a pattern? Describe it.

H. Use the pattern in the ordered pairs to predict the mass of 8 cookies.