Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Sect \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A carpenter charges an hourly rate of $35 and a set-up fee of $50. If this were to be graphed with x = hours and y = cost, what would the slope of the line be? What would the y-intercept be?

A 7,000-gallon swimming pool is leaking at the rate of 35 gallons a day. If this were to be graphed at with x = days and y = cost, what would the slope of the line be? What would the y-intercept be?

Tim starts the year off with $400 in savings, and earns $50/month from his part-time job. If this were to be graphed with x = months and y = $, what would the slope of the line be? What would the y-intercept be?

Write a linear equation based on the following table:

X 4 6 8 10 12

Y -2 -5 -8 -11 -14

Write a linear equation for a company that manufactures 60 Doohickeys and makes a profit of $775, and when it manufactures 75 Doohickeys, makes a profit of $1000.