Name:

**You will use the graphing calculator to make your exploration easy.**

 Date:

 Hour:

You must find the rate of change for each scenario. Use that rate of change to

* Write an equation of the line (y=mx).
* Sketch the graph.
* Create a table of at least 5 ordered pair.

Graphing skills

Y= key to type in your equation

To create a table: AFTER entering your equation. Press the 2nd button. Then TBLSET. Adjust your TblStart to “1” and $Δ$Tbl to give the data you want to use in your table. ***Keep in mind you only need 5 ordered pair for your tables***.



Question: Do any of the graphs represent directly proportional relationships? Use complete sentences to explain your answer.