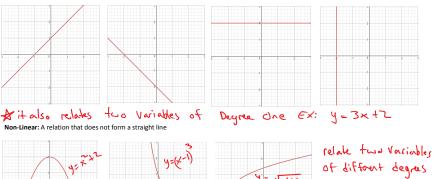
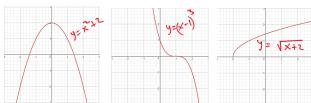
Graph Properties

May 9, 2017 10:04 AM

Linear Relations: A relation that forms a single straight line when graphed

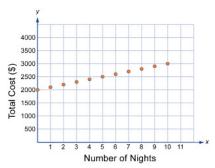


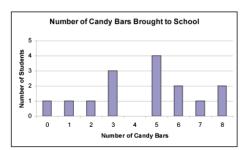


Continuous data: data on a graph that is all connected (Lines and curves)

- All graphs above are examples of continuous data except one

Discrete Data: Data on a graph that is not connected (points)



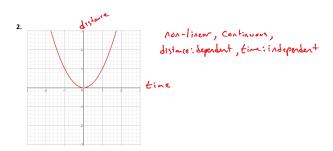


Dependent Variable: the variable whose values depend on the independent variable. (plotted on the vertical axis) $\frac{V}{V} - \frac{V}{V} = V$ whice the vertical axis) Independent Variable: the variable for which values are selected. (plotted on the horizontal axis)

Independent Variable: the variable for which values are selected. (plotted on the horizontal axis)

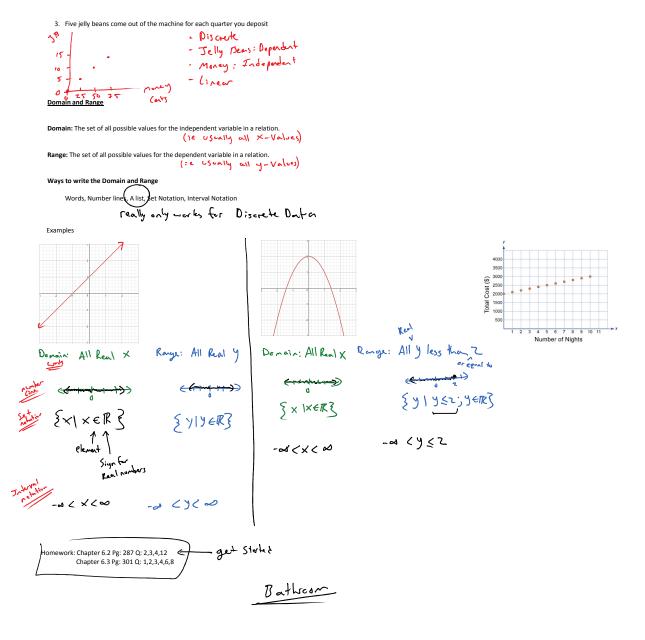
X-Value

Ex: Determine if the data for the following relations represent linear/nonlinear, discrete/continuous, and determine the dependent and independent variables



3. Five jelly beans come out of the machine for each quarter you deposit

5° / - Discrete



cornelias