Name:_____

DATA TABLES & GRAPHS

Data Tables- A data table is an organized way to _____ information collected during a lab.

How to set up a data table:

TITLE OF DATA TABLE

Independent Variable	Dependent Variable		
	Trial 1	Trial 2	Trial 3

TITLE OF DATA TABLE

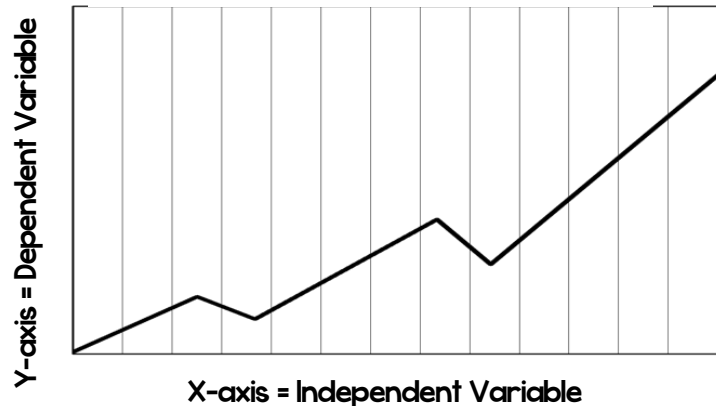| Independent Variable	Dependent Variable

Graph: A _____ display of information or data.

Line Graph: Show _____ or how the data changes over time

Bar Graph: Useful for comparing information collected by _____

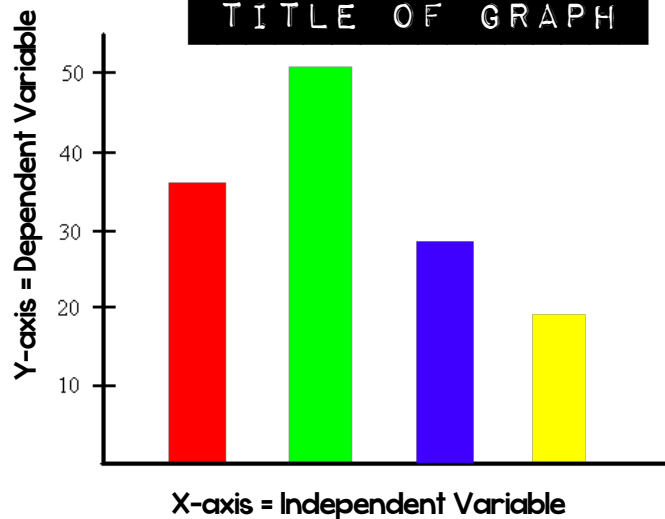Circle Graph (pie chart): Used to show how a _____ _____ is broken down into parts

How to set up graphs:

TITLE OF GRAPH

Y-axis = Dependent Variable

X-axis = Independent Variable

TITLE OF GRAPH

Y-axis = Dependent Variable

X-axis = Independent Variable

LAB EXPERIMENT

Conduct a simple experiment to collect data and make a graph. The directions for your experiment are at your lab station.

Hypothesis:_____

_____

Independent Variable:_____

Dependent Variable:_____

Data Table: Graph:

Digital Graph: Using the data you collected in the lab, go to the following website and create a digital graph. When you are finished, raise your hand and show it to your teacher.
https://nces.ed.gov/nceskids/createagraph/Default.aspx

Questions:
1. What type of graph did you make?

2. Why did you make this type of graph?

3. Did the graph you drew on paper look like the graph you made on the computer?

4. Why/why not?