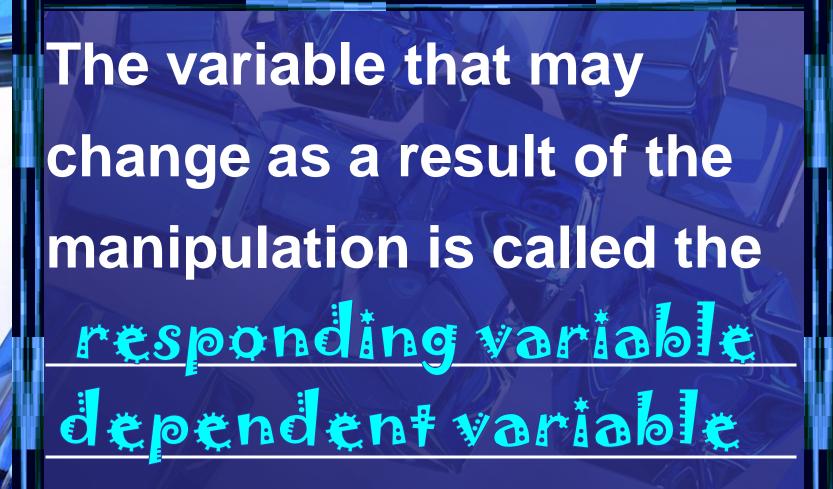


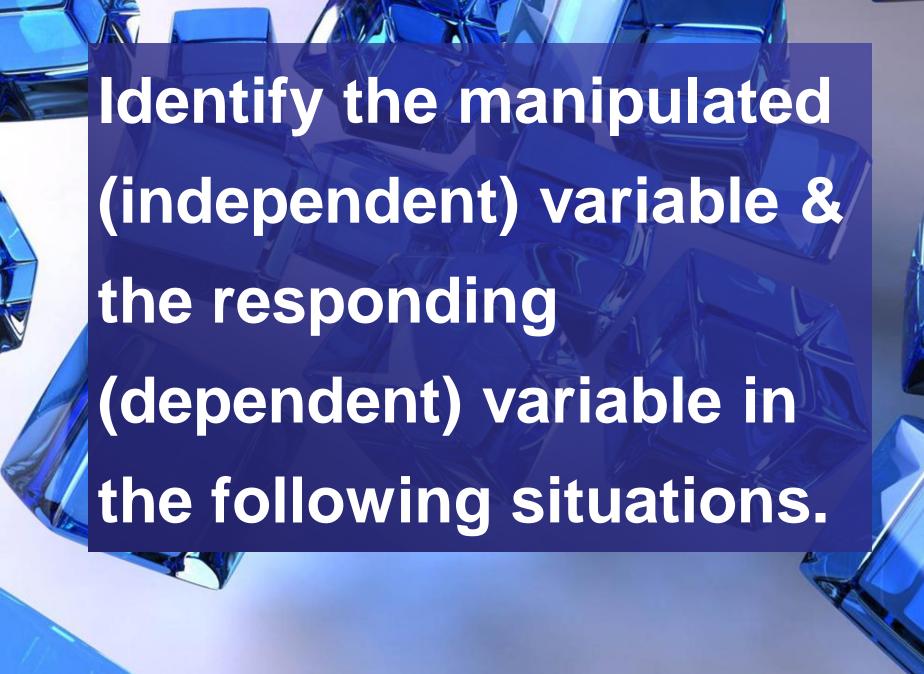


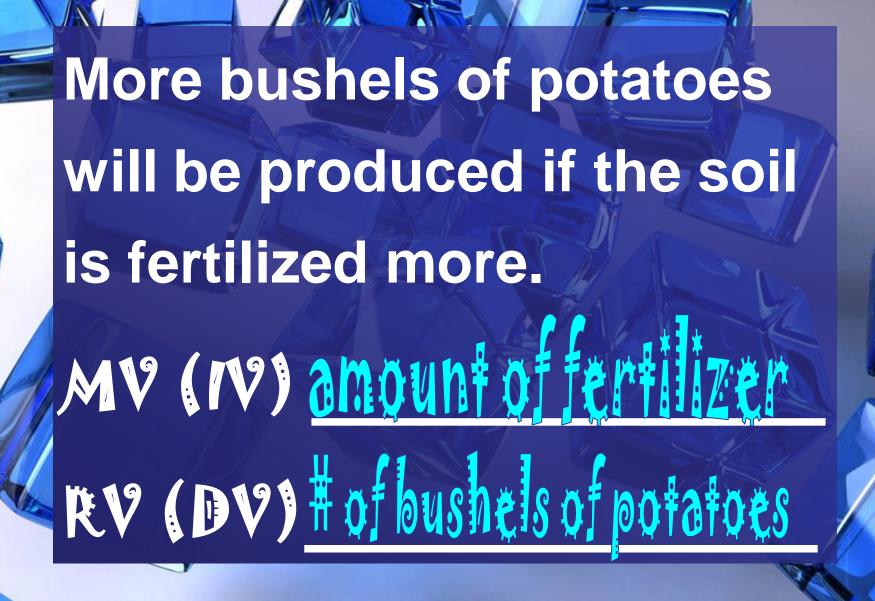
The amount of algae growth in lakes seems to be directly related to the number of sacks of phosphorous fertilizer sold by local merchants.

of sacks of phosphate fertilizer sold

An investigation was performed to see if corn seeds would sprout at different times depending on the temperature of the water in which they were placed. temperature of water







5 groups of rats are fed identical diets except for the amount of Vitamin A that they receive. Each group gets a different amount. After 3 weeks on the diet, the rats are weighed to see if their weight has changed.

MV (1V) amount of Vitamin A
RV (DV) weight of rats

An experiment was done with 6 groups of children to see if scores on their weekly spelling tests were affected by the number of minutes of spelling practice that they had each day.

MV (179) minutes of spelling practice RV (DV) score on spelling test Students in a science class carried out an investigation in which a flashlight was pointed at a screen. They wished to find out if the distance from the light to the screen had any effect on the size of the illuminated area.

MV (IV) distance from light to screen
RV (DV) size of illuminated area

The State Agriculture Dept. has been counting the number of foxes in Brown County. Will the # of foxes have any effect on the rabbit population?

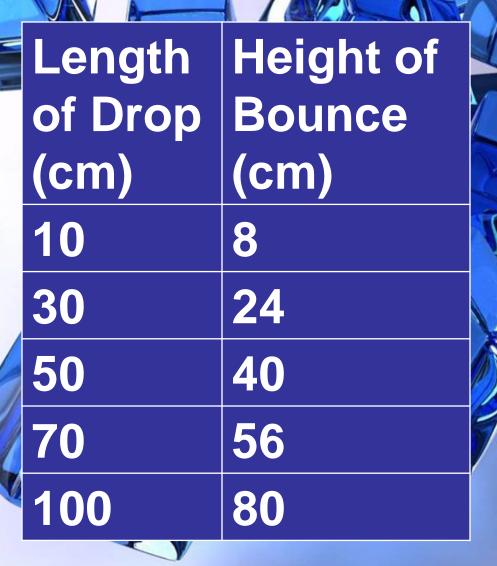
MV (NY) # of foxes
RV (DV) # of rabbits

A study was done with white rats to see if the number of offspring born dead was affected by the number of minutes of exposure to X-rays by the mother rats.

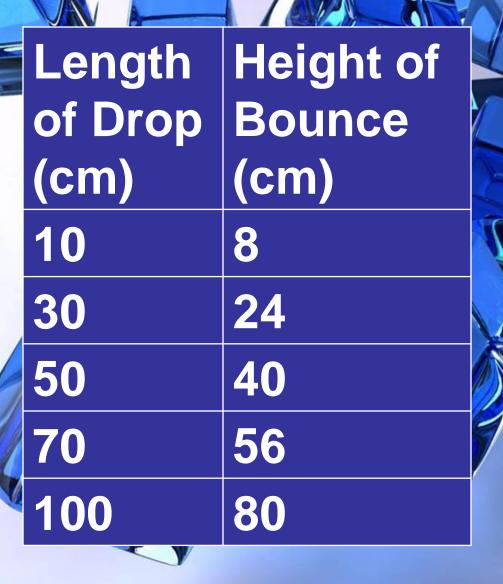
MV (1V) minutes of exposure to X-rays

RV (DV) # of offspring born dead

Now! Let's put the data from the variables into a table and learn how to graph the data.



Usually the manipulated variable (independent variable) is written on the left, but not always.



The independent variable is always graphed on the



