



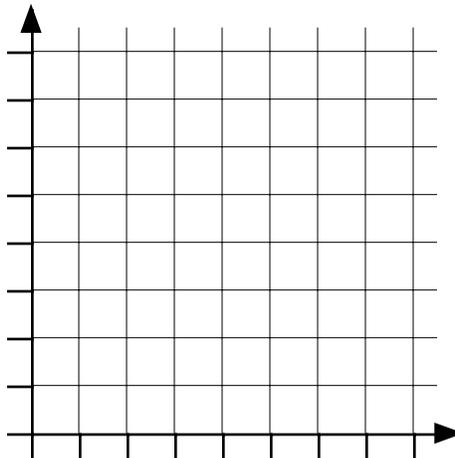
In Class Exercises (ICE) - 7/25/00

Measurements of the human body are of interest to a lot of people, for example, designers of athletic equipment, clothing and shoe manufacturers. In this activity, you will investigate how some body measurements are related to each other.

- ***Measure the distance around your neck and the distance around your wrist in inches. Record the measurements in the table provided below. Share your measurements with other students in the class so that you have enough data to fill up the table.***

Student	Neck measurement	Wrist measurement

- ***Use the axes provided below to make a graphical representation of your data.***



- *Find out the wrist measurement of your instructor. Use your plot to predict your instructor's neck measurement. Is your prediction accurate? How could you test the accuracy your prediction?*

- *Which of the two predictions (the Bigfoot prediction or the neck size prediction) do you have the most confidence in? Why?*

- *What is the relevance of the concept: "function" to making predictions?*