Math 304 Lab for Sections 10-1 & 10-2

Copy the class eye color data from the board to the table below:

Blue	Brown	Green	Hazel

Create a circle graph of the data above (Using your compass and protractor) with a title and labels necessary to make the graph complete.

List what prior knowledge is needed for a student to complete this task:

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Use the class' eye color for the data for the graphs to be created on the computer

Go to http://illuminations.nctm.org/ActivityDetail.aspx?ID=204

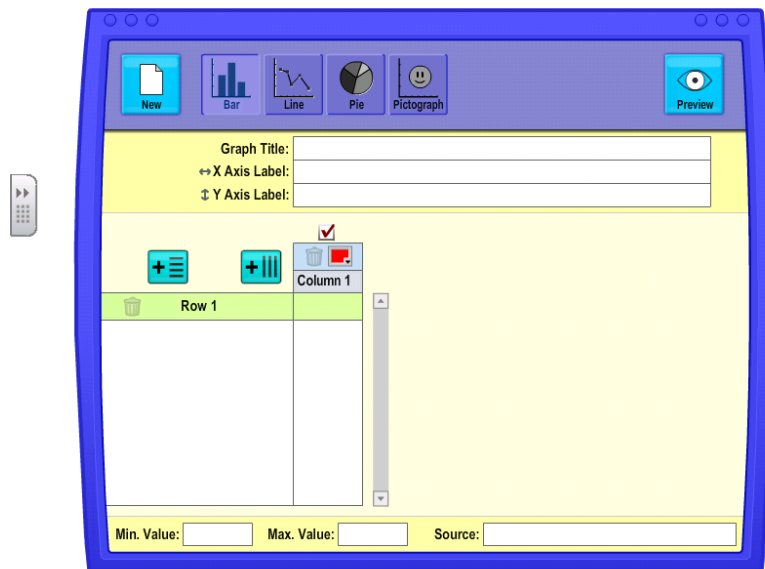(This is URL is linked from our course website in Unit 1)

Fill in the Graph Title, X-Axis Label, Y-Axis Label, and Source (Your Name)

Create and <u>print</u> each of the following: Bar Graph, Pictograph, and Circle Graph

How does prior knowledge change when students make their graphs only on the computer?

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What are two **questions** you can ask students that would help them make connections when they graph the data sets on the computer?

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