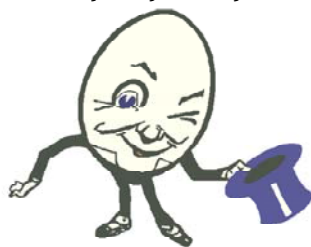


Name _____

Date _____

a lab exercise that might just give you a headache



Objective:

As you are about to see, just about anything can be represented in a graph. A graph gives a visual picture of data that is collected in an experiment. When an experiment is conducted over a period of time, a line graph is most appropriate. At the end of this activity you will be more familiar with the way one goes about constructing a line graph from numerical data.

Data Collection:

Time (seconds)	Points Scored		
	Contestant 1	Contestant 2	Contestant 3
0			
15			
30			
45			
60			
75			
90			
105			
120			

Procedure:

Use pages 3-5 in your notes to guide you through the process of constructing a line graph. Since there are 3 different contestants, this graph will have 3 lines on it. Use colors to represent the different contestants and make a graph key in an open space on the graph.

Staple your completed graph to this worksheet and hand in when you are done.