Analyzing Data- writing about your graph

After you have graphed the mean of your trials you then need to write out the results of what your graph shows in paragraph form. You are only recording what your graph shows, you are not trying to determine why the results occurred. Use the worksheet below to complete the paragraph.

Example paragraph

The graph shows the average amount of time it took a sponge capsule toy to form in different types of water. On average sponge capsules placed in tap water took 52 seconds to form the sponge toy, sponge capsules placed in distilled water took 36 seconds to form the sponge toy, and sponge capsules placed in carbonated water took 70 seconds to form the sponge toy. The graph shows that by using distilled water sponge capsules formed the quickest. Sponge capsules placed in carbonated water took the longest time to form the sponge toy.

Writing about the graph

Look carefully at the graphed results and write a paragraph describing the results as shown in the graph. Your paragraph should:

A. State what the graph is showing
B. Report each experimental group's mean results as graphed
C. State the experimental group that had the greatest change
D. State the experimental group that had the least amount of change.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Glue in your log book on the page after the graph you have made of your results