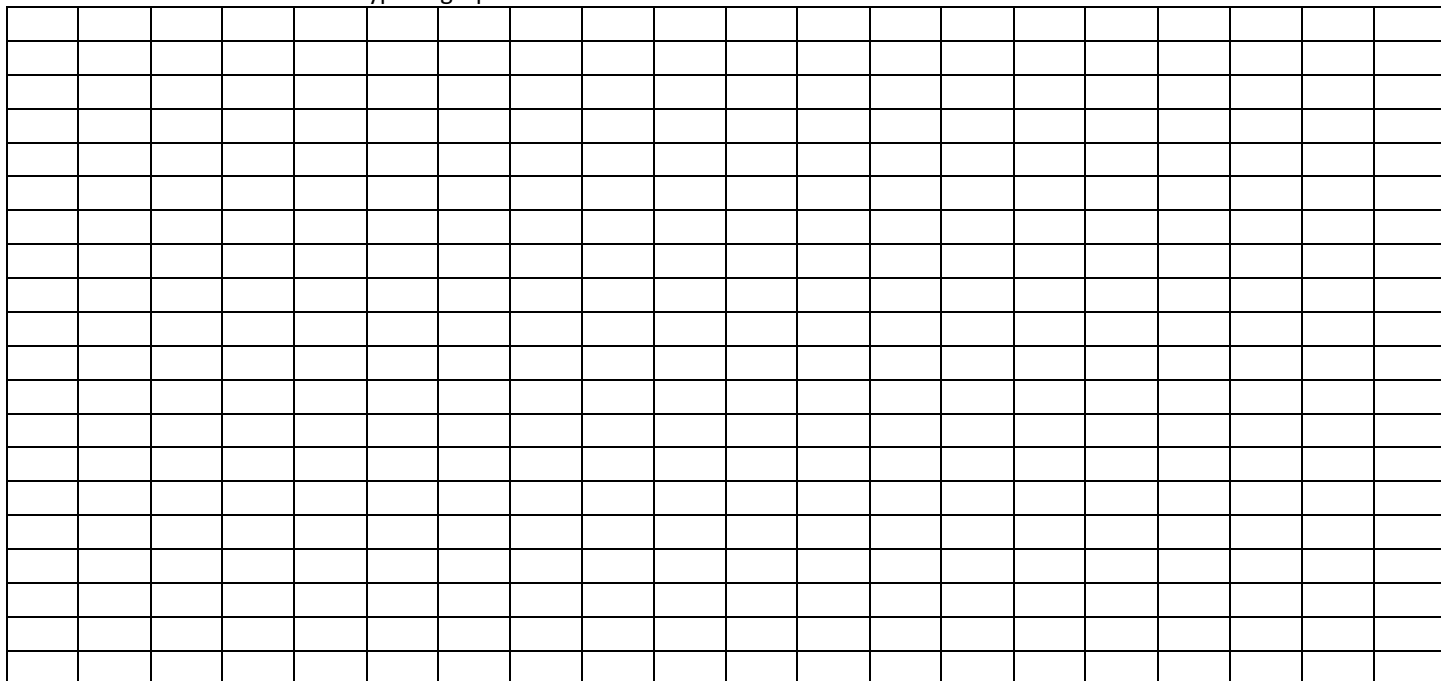
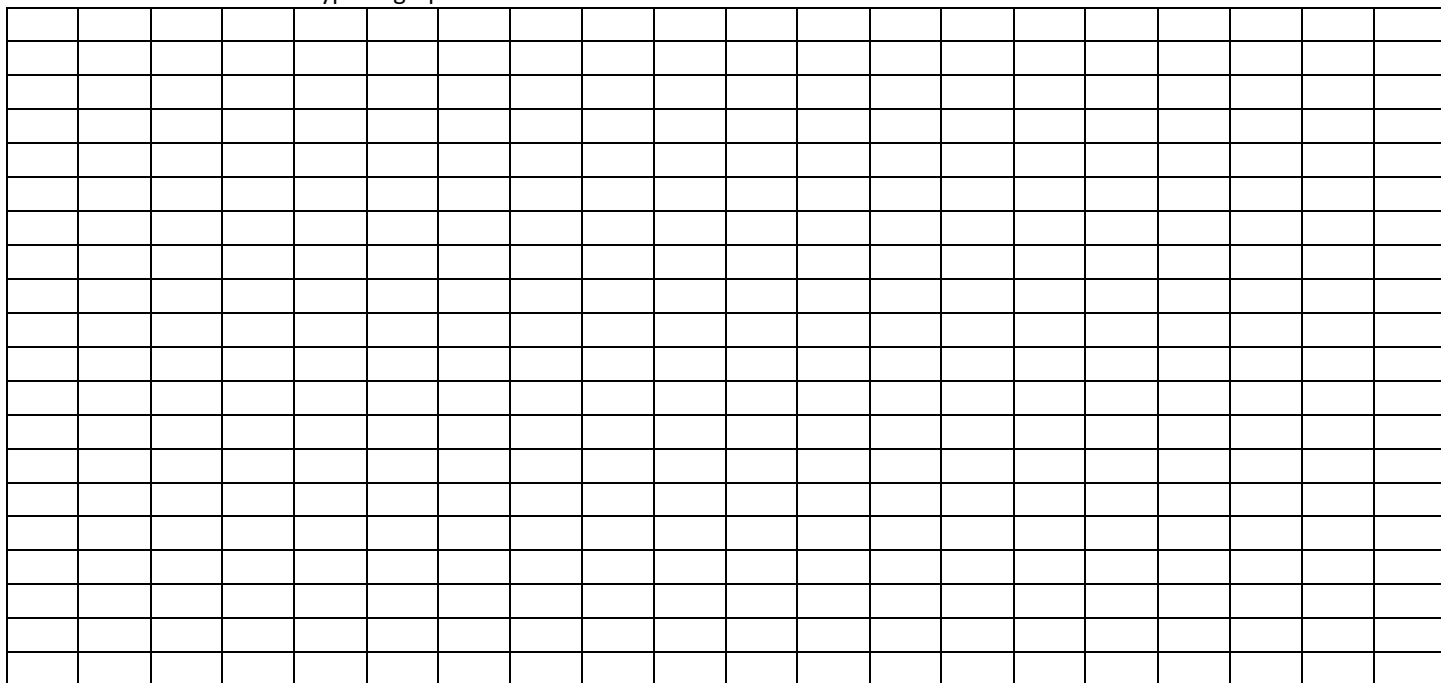




**Graph:** After collecting data for eight weeks, make a graph comparing the sea surface temperature of the Pacific and Atlantic buoys. You determine the axes and the type of graph.



**Graph:** After collecting data for eight weeks, make a graph comparing the air temperature of the Pacific and Atlantic buoys. You determine the axes and the type of graph.



**Analysis and Questions:** Answer the questions below using complete sentences.

1) What are these buoys measuring?

2) Are there surface water temperature differences between buoy locations (Pacific vs. Atlantic)?

3) Are there air temperature differences between buoy locations (Pacific vs. Atlantic)?

4) What is the general trend in the data over the 8 weeks in

-surface water temperature?

-humidity?

-salinity?

5) Is there a positive or negative correlation between the surface water temperature and the air temperature in the Pacific Ocean? Explain using evidence.