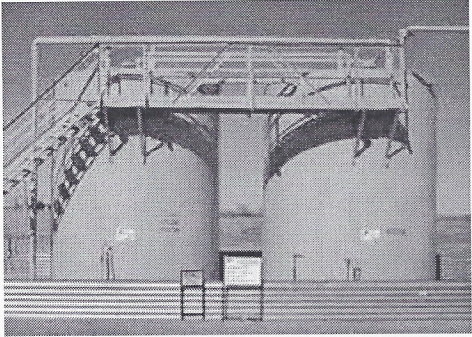
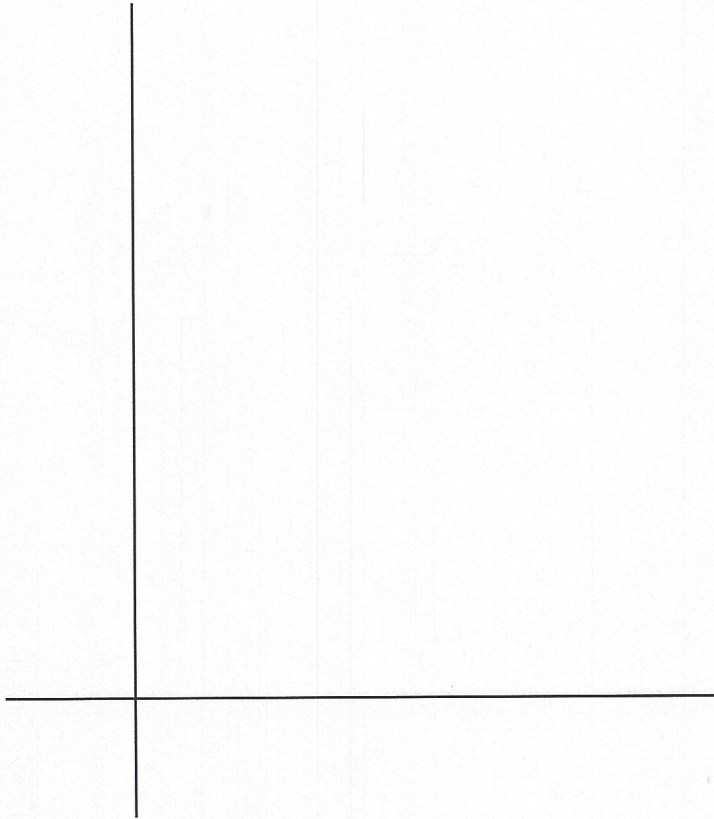


Name _____ Period _____



An oil tank must be cleaned before it can be moved to its new location on the edge of Lake Pontchartrain. Each cleaning of the tank will reduce the contamination to half of what it was at the start of that cleaning. The tank originally contains five barrels of contaminants. Make a table and a graph of the results you would see as you clean the tanks.

Input x	Output y



1) What conjecture can you make about this graph and table if you could extend it further?

2) How would the graph differ if the contaminants were reduced by an equal amount each cleaning?