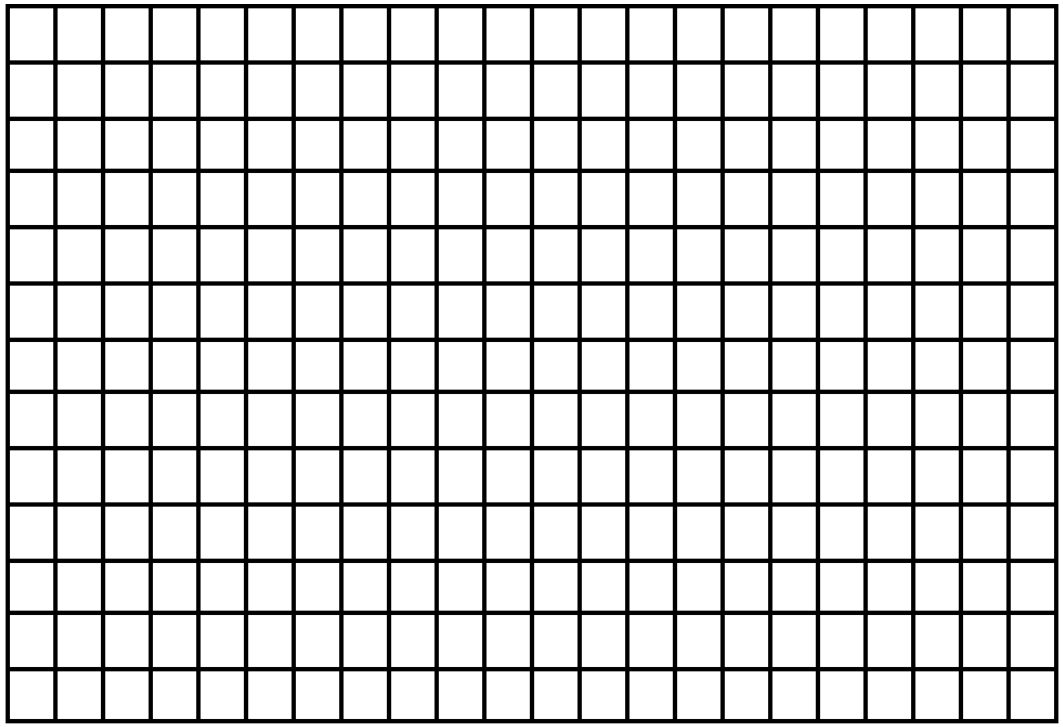
Graphing

- **Title (y vs. x)**
- **Labeled Axes**
- **Units**
- **Scale**
- **Points**
- **Best Fit Line**
- **Equation of Line if it's Straight**

Circumference (centimeters)	Diameter (centimeters)
3.14	1.00
6.28	2.00
7.85	2.50
9.42	3.00
11.0	3.50



Speed of a Bubble Activity

- Imagine you are a scientist. It is your job to determine if an air bubble moves at a constant or changing speed in oil and to find its average speed.
- Design and perform an experiment then analyze the data to determine this. You may use meter sticks, stopwatches, and a marker, to take measurements that will be shown in a data table.
- Report your findings to your boss by including the following: objective, procedure, data table, graph, equation of the line, calculation, conclusion
- Put distance on the y-axis and time on the x-axis.
- Draw a conclusion from the data to determine if the bubble moved at a constant or changing speed.