Name: _____ **Date:** _____
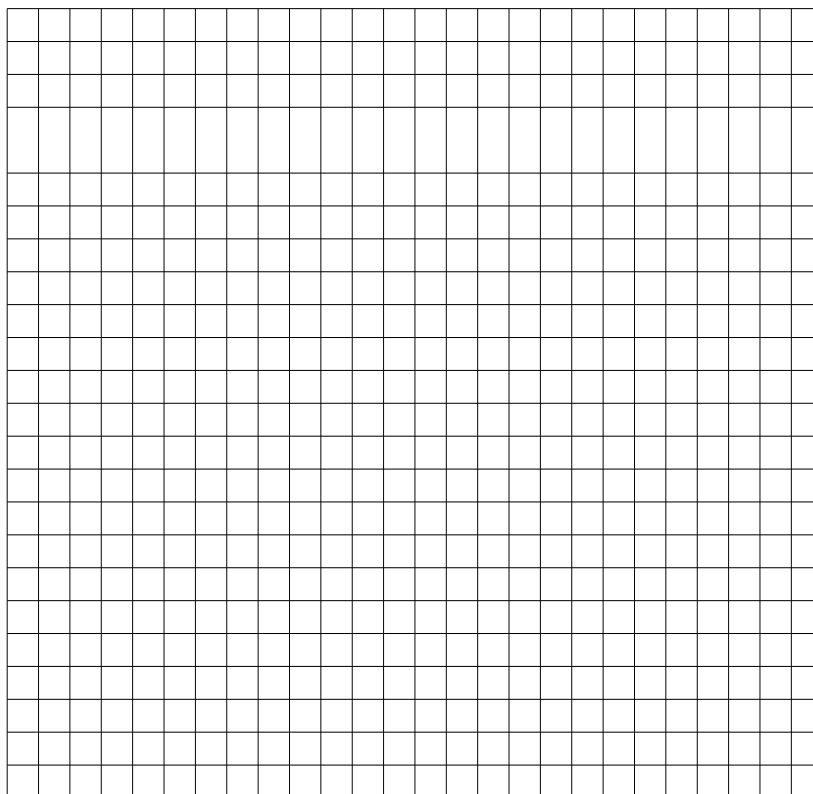
Chemistry

Graphing Calculator I

USE YOUR CALCULATOR to help complete the following investigation.

The size of a certain round object decreases over time.
The data collected is shown to the right.

1. What is the independent value?
2. What is the dependent value?
3. Sketch the graph.
4. What is the slope?
5. Write the equation that models the data best.
6. What would the size be after 200.0 s?

Size (mm)	Time (s)
19.8	0
19.2	30
18.3	60
17.6	90
16.9	120
16.1	150
15.5	180

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

"The worst form of inequality is to try and make unequal things equal."
- Aristotle