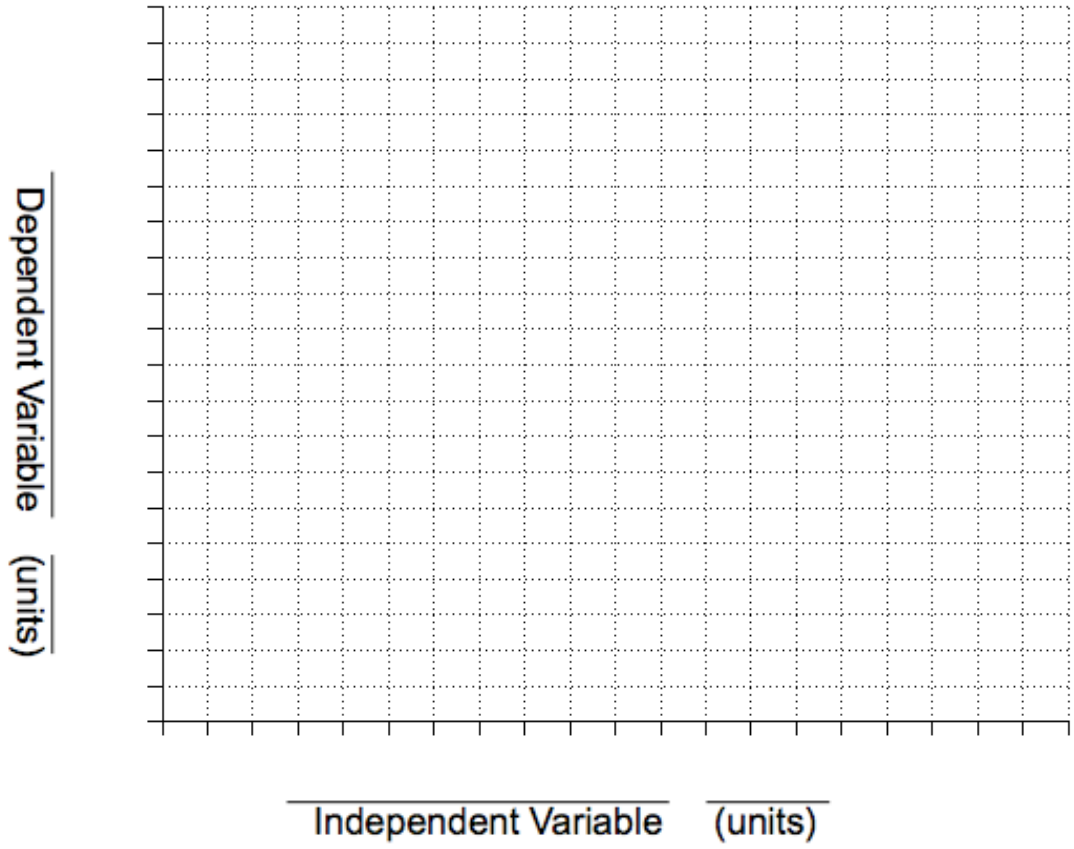
Radioactivebots

1. Data Collection: Collect data from your experiment. Be sure to include title, labels, and units.

Table 1: _____

Independent Variable:	**Dependent Variable:**			
	Trial #1 ( )	Trial #2 ( )	Trial #3 ( )	Average ( )

2. Graph: Make a graph of the data below. Be sure to include all 5 parts of a graph (<u>title, IV and DV, units, scales, and data</u>)



3. Claim: What cause and effect relationship have you discovered?

As the _____ increases the _____ _____
(Independent Variable) (Dependent Variable) (Increases, Decreases, or Stays Constant)

4. Evidence: Explain what data you based your claim on.

5. Reasoning: Explain how your *evidence* proves your *claim*?

6. Extend: Find a function that fits your data.

Why does the type of function you chose fit the situation we are modeling?

What do the parameters in the function mean in the situation we are modeling? Are they the values you expected them to be? What might have caused differences in the expected value vs the measured value?