



NUTRIENT VARIABLE LAB SHEET

✎ Draw a circle around the parts of the experiment below that are the same.

✎ Draw a box around the part of the experiment below that is different.

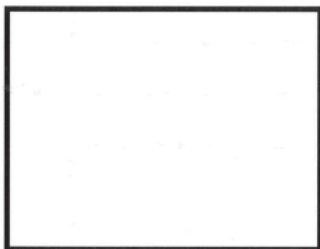
<i>water</i>	<i>size of container</i>
<i>soil</i>	<i>number of seeds</i>
<i>light</i>	<i>amount of fertilizer</i>

Question

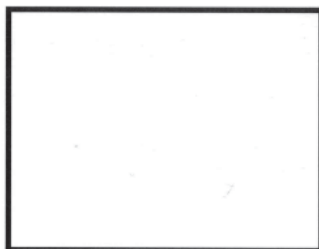
Do you think the plants that have different amounts of fertilizer will grow differently? _____

Hypothesis

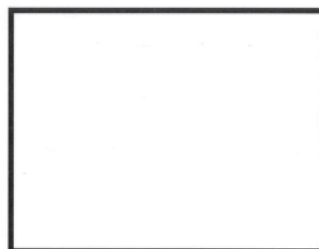
In the boxes below, draw your four plant containers. Draw in what you **think** the plants will look like after growing for 2 weeks.



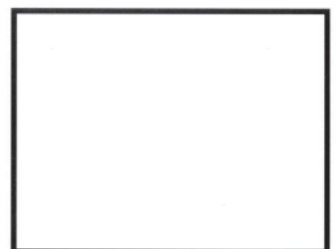
water only-
no fertilizer



recommended rate



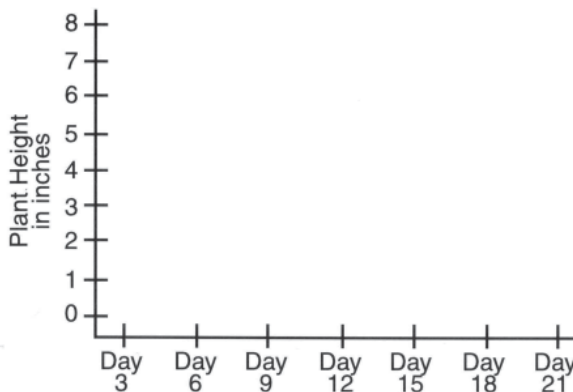
3 times the
recommended rate



4 times the
recommended rate

Experiment

Keep the soil moist and measure the height of each plant every few days. Graph the height of each plant below. To record your measurements, use a different color of dot for each container. Then connect each container's dots with the same color of line.



Results

On the back of this page, draw a picture of what each plant looks like after 3 weeks.