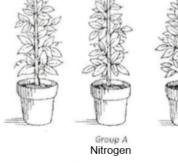
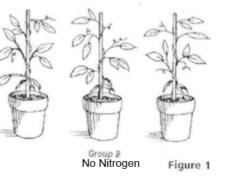
Using Scientific Method

The following describes an experiment to determine the effects of additional nitrogen on plant growth. Read the paragraph carefully, then answer the questions.

Dr. Row set up an experiment in which she planted bean seeds in two groups, A and B. After the seeds germinate, Group A was fed a balanced application of fertilizer with additional nitrogen, as recommended by most plant growers. Group B was grown under identical conditions, except the fertiler they received contained no additional nitrogen. Dr Row observed the plants for 1 month. You see the results in Figure 1 below.







1) What was the hypothesis for this experiment? (Use IF....THEN....Statement)

If I add N: troge to a plant because omminded by grive

2) Which plants represents the control group? Explain your answer.

Group nothing to

3) Which plants represent the experimental group? Why is this group of plants the experimental group?

Groud aac itrogen

(Something Changed) 4) What is the independent variable(s)? Goupt but No N: troge 5) What is the dependent variable(s)? (Mcasured or observed by Scientist) Grow th Plants

6) List all controlled variables in this experiment:

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