	shrimp eggs will develop and hatch at room temperature in glass containers of salts tion. Describe a controlled experiment using three experimental groups that coul used to determine the best concentration of salt solution in which to hatch a shrimp eggs. Your answer must include at least:
	 a description of how the control group and each of the three experimental growill be different [1] two conditions that must be kept constant in the control group and the experimental groups [2] data that should be collected [1] one example of experimental results that would indicate the best concentrations alt solution in which to hatch brine shrimp eggs [1]
· .	
	You have been assigned to design an experiment to determine the effects of light on t
	 growth of tomato plants. In your experimental design be sure to: state one hypothesis to be tested [1] identify the independent variable in the experiment [1] describe the type of data to be collected [1]

Plants respond to their environment in many different ways. Design an experiment to test the effects of *one* environmental factor, chosen from the list below, on plant growth.

Acidity of precipitation Temperature Amount of water

In	your	answer,	be	sure	to:
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- · identify the environmental factor you chose
- state one hypothesis the experiment would test [1]
- state how the control group would be treated differently from the experimental group [1]
- state two factors that must be kept the same in both the experimental and control groups [1]
- identify the independent variable in the experiment [1]
- label the columns on the data table below for the collection of data in your experiment [1]

Environmental factor:					
graine and the second second					
Data Table					
P					
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