What is the scientific method? It is a	that is used to findto		
questions about the world around us.			
Is there only one "scientific method"? No, there are several versions of the scientific method. Some versions have more, while others may have only a few. However, they all begin with the identification of a to be answered based on observations of the world			
		around us and provide an method	od for conducting and analyzing an
		experiment.	
		What is a hypothesis? It is an	based on observations and
your knowledge of the topic.			
What is data? It is gathered	l during an experiment.		
What do you want to know or explain? Use ob	eservations you have made to write a		
question that addresses the problem or topic you want to investigate.			
▼			
What do you think will happen? Predict the answer	to your question or the outcome of the		
experiment.			
V			
How will you test your hypothesis? Develop a p	rocedure for a reliable experiment and		
address safety r	-		
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Follow the steps in your procedure to perform	n your experiment. Record data and		
observation	· · · · · · · · · · · · · · · · · · ·		
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Is the data reliable? Does your data and o	observations from the experiment		
support your hypothesis?			
Yes No V	Yes		
Is your data inaccurate or the	(
experiment flawed?	Rewrite your procedure to address		
No	the flaws in the original experiment.		
¥ 140 ¥			
Write a conclusion that summarizes the important r	parts of your experiment and the results		