Name:	
Period:	
1. Hypothesize 2. Observe 3. Law 4. Theory 5. Conclusion 6. Experiment 7. Data 6. Experiment 7. Data 6. Facts in science that have been show be absolutely true in all cases. 8. A statement about whether your hypothesis was right; is based on dat edence, but can't be retested for all cases. 8. A controlled test to gain evidence. 9. Careful study of a problem or situation observations. 9. How you think it works based on your observations. 9. Facts measured and collected in the last tested in an experiment. A Theory is scientific fact.	friend listens to the scientists and says she doesn't believe it because "it's just a theory". Respond to your friend. Scient, Hoory was many facts to fine field. How is a Scientific Law different than a Scientific Theory? How is the "Theory of Evolution" not a Law? Why is the "Theory of Evolution" not a Law? We can't repest it. Which part of the Scientific Method? Lab. Which part of the Scientific Method?
You think that a person is going to come late to the because they were late yesterday. You think that some plastic water bottles may not be healthy because you can taste the plastic in the water. The revolves around the sun. The sun does not revolv around the earth.	You believe your car won't start because you are out of gas. You notice that a ball rolls farther up a hill depending on how fast it was going. You decide that adding salt to ice water allows the ice water to get colder than water alone.
You think that adding salt to water allows it to have a higher boiling point (it boils at a higher temperature). You think that your favorite basketball team will lose because they are playing on Thanksgiving, again. All matter consists of electrons, protons, and neutrons. The dandelions in a lawn are grow very short. The dandelions in the tall grass by a lawn will grow tall. Give a reasonable hypothesis for the above observation: Ones in the lawn get cut down. They have adapted.	A Clear No 35 mL 1 g/mL B Pale Yellow Yes 12 mL .94 g/mL
Which of the following statements could be supported by the scientific method? Why? "Come to Willarby Auto Store—the best car dealership in town." "Try Dry-Toes Powder. A recent independent research company proved Dry-Toes Powder kept feet dry up to 30% longer than any other foot powder." "Acom Powder helps you live longer and stronger. 89 year old Edryl Krumke swears by Acom Powder. 'I take my Acom Powder every day, just like my mother!' " No-	You walk into a room and notice that the lights will not come on. Use the scientific method to figure out why. Observation: lights are out (dark) Hypothesis: power is out Experiment: try different room, light work Conclusion: power is on. (Repeat as necessary) hypo - bal bulb exp - change bulb exp - works uncl tight bulb was burned out.