MAKE UP LAB

* observations have been made for you. Use this information to identify the type of change that occurred at each station

Name _____

Date _____

Period _____

Observing Changes in Matter

Data Table

Station Number	Observation	Physical or Chemical Change?
1 - Paper	• paper is in smaller pieces • edges are jagged	
2 - Baking soda and vinegar	• bubbles form • baking soda becomes soggy	
3 - Limestone and vinegar	• tiny bubbles create a fizzy foam on the rock • Color of rock is darker where it is wet with vinegar	
4 - Salt and water	• Salt seems to disappear in the water when it is stirred.	
5 - Pencil and sharpener	• pencil shavings come off the pencil • pencil becomes sharper	
6 - pH paper, water, and vinegar	• pH paper with water stays a yellow color • pH paper with vinegar turns a reddish-orange color	
7 - New and rusty iron	• new nail is smooth + gray • rusty nail is orange. • chunks of crusty rust flake off the nail	
8 - Clay	• clay is molded into a new shape	
9 - Ice cubes	• ice seems to be getting smaller as it melts • more water fills the container now	
10 - Alka-Seltzer tablet and water	• Tablet bubbles as it sinks to the bottom of the cup. • bubbling continues until the entire tablet has disappeared.	

☆ Use the above data to write a conclusion on the back of this paper.

Conclusion:

Explain in paragraph format, how you were able to determine the type of change (chemical or physical) for each of the 10 station activities.