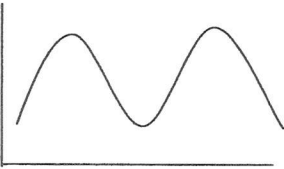


Name \_\_\_\_\_

Date \_\_\_\_\_

UNIT 1: AGREE-DISAGREE CHART  
Observation, Inference and Classification

PROBLEM STATEMENT	PRIOR TO UNIT		AFTER UNIT	
	Agree	Disagree	Agree	Disagree
1. An observation is something that you do with your 5 senses				
2. An inference is another name for an observation				
3. An inference is a conclusion based on prior knowledge or information				
4. We classify information based on common characteristics				
5. The primary goal of classification is to make easier inferences				
6. The primary goal of classification is to organize information or observations				
7. A predictable event is one that is known in advance ex. An eclipse of the moon				
8. Cyclic means to repeat over and over				
9. All changes in nature are cyclic				
10. All cyclic changes are predictable				
11. All predictable changes are cyclic				
12. The cloud is 2.1 km above the ground is an example of an observation				
13. The cloud formed over Lake Ontario is an example of an observation				
14. The rock is igneous is an example of an inference				
15. The graph below is an example of a cyclic change 				
16. Organizing 100 substances based on how they formed is an example of a classification system				
17. The piece of wood has a mass of 236.6 grams is an example of an inference				