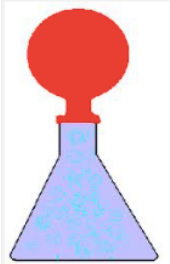


Name	Teacher	Period
		Date

Evaluating Claims as a Class

Question: Did a chemical reaction occur when vinegar and baking soda were mixed together?							Answer Yes or No in each column								
Student Data							Does Claim answer the question ASKED?	Does Claim explain the cause and effect "....because...."	Is the Claim a complete sentence?	Total Score (Add Yes in all columns not shaded)					
	Balloon Diameter Before	Balloon Diameter After	Vinegar Initial Temperature	Temperature of Vinegar & Baking Soda	Change in Temp.	Group Observations					C1	C2	C3	Total	
Average of 5 Groups	4 (cm)	19 (cm)	22 (°C)	15 (°C)	- 7 (°C)	Bubbles formed in flask Balloon expanded an average 15cm in diameter;									
Claim Statements Given a) A chemical reaction did occur in this experiment. b) There was a change in temperature. c) I think a chemical reaction did occur because a gas was produced.															

Answer the following questions:

Which Claim is the strongest: **(circle one) a, b, c** Why?

Which Claim is the weakest: **(circle one) a, b, c** Why?