Homework: CER for Magnet Experiment

Name: _____ Period: _____

Remember: CLAIM: A testable statement or conclusion that answers the original question. EVIDENCE: Scientific data that supports the claim. REASONING: Justification (which means you have to back it up) that shows why the data counts as evidence which supports the claim.

Directions: Create a scientific explanation of the data in the table below to answer the experiment question. You will need to calculate best value and uncertainty FIRST.

Experiment Question: If the size of a magnet increases, what happens to its strength?

Table 1: Strength of Magnets and Their Sizes			
Distance When Magnet Attracted Paper Clip (mm)	**Size of Magnets**		
	Small	**Medium**	**Large**
Trial 1	13	13	20
Trial 2	11	16	24
Trial 3	12	12	28
Best Value			
Uncertainty			