

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Per: \_\_\_\_\_

Directions: Read the sample exit writes below. For each one, provide a score and a reason for your score. Make sure you use language from the scoring guide in your reason.

2 Developing	3 Nearly Proficient	4 Proficient	5 Highly Proficient
Does not answer the question; Content contains inaccurate information	On topic, but may not answer all parts of the question; Generally accurate;	Clearly addresses all parts of the question accurately; Uses science terms/concepts;	Clearly addresses all parts of the question accurately; Uses science terms/concepts to provide details.

*Question: What is similar between the reaction of copper + vinegar and the reaction of methane + oxygen?*

1. They are similar because in the copper + vinegar and the oxygen + methane reactions there was a chemical reaction.

Score \_\_\_\_\_ Reason:

2. In both chemical reactions the atoms in the reactants rearranged to make new substances in the products. Also in both reactions

Score \_\_\_\_\_ Reason:

3. In both the vinegar + copper and the oxygen + methane reactions the atoms in the reactants rearranged to make a new substance. Both chemical reactions also created a gas as a product, and both had 4 elements in the reactants and products.

Score \_\_\_\_\_ Reason:

4. In both the vinegar and the methane reactions the atoms and molecules rearranged to make new atoms in the products. And in both the Hydrogen atoms separated and from the reactants and rebonded differently in the products. This means a new substance was made, and because of this that is how they are both similar.

Score \_\_\_\_\_ Reason:

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Penultimate = next to last

Antepenultimate = before the next to last, or  
= 2<sup>nd</sup> to last