

Name \_\_\_\_\_

Period \_\_\_\_\_ Date \_\_\_\_\_

## HOW DO ATOMS REARRANGE? QUESTIONS SRB page 68

1. What is destroyed and what is created during chemical reactions?

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2. What are reactants and products? Write a reaction equation and label the reactants and products.

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3. Write the equation for the reaction between hydrogen and oxygen. Use chemical formulas for the substances.

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4. Methane ( $\text{CH}_4$ ) is the main gas in natural gas. The products that form when methane burns are carbon dioxide and water. Write a balanced equation showing the combustion reaction when methane and oxygen react.

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