**Chapter 6 Review**

**Identify the Types of Reaction and Predict their Products**

Make a rule for Identifying and Predicting Products for the six types of reactions:

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| **Synthesis** |
| **Identifying Rule** | **Predicting Products Rule** |
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| **Decomposition** |
| **Identifying Rule** | **Predicting Products Rule** |
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| **Single Replacement** |
| **Identifying Rule** | **Predicting Products Rule** |
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| **Double Replacement** |
| **Identifying Rule** | **Predicting Products Rule** |
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| **Neutralization** |
| **Identifying Rule** | **Predicting Products Rule** |
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| **Combustion** |
| **Identifying Rule** | **Predicting Products Rule** |
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**Reaction Rates**

Use Collision Theory to explain how each property affects reaction rate then make a quick rule:

**Temperature**

**Concentration**

**Surface Area**

Works for \_\_\_\_\_\_\_\_ only.

**Catalysts/Inhibitors**

 Practice Problems on p.282 - 283