



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

**Match each of the following terms to its definition:**

Physical property

Reactants

Product

Physical change

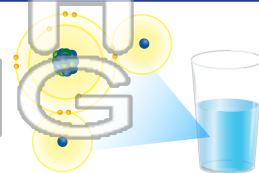
Single Replacement Reaction

Synthesis

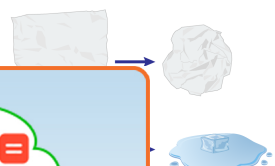
Molecule

Activation energy

1. \_\_\_\_\_ - the smallest unit of a substance made from a combination of elements



2. \_\_\_\_\_ - a change in which the appearance of a substance changes but its chemical properties remain unchanged; cutting paper is a physical change



3. \_\_\_\_\_ measure



4. \_\_\_\_\_

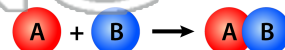
5. \_\_\_\_\_ interact

**PREVIEW**  
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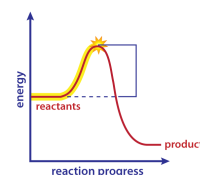
6. \_\_\_\_\_ - a chemical reaction where a more active element replaces a less active element in a compound



7. \_\_\_\_\_ - a chemical reaction where two or more elements or compounds combine to form a single product



8. \_\_\_\_\_ - the minimum amount of energy needed to start a chemical reaction





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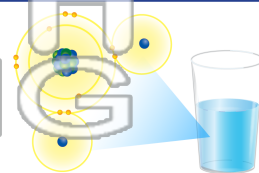
Single Replacement Reaction

Synthesis

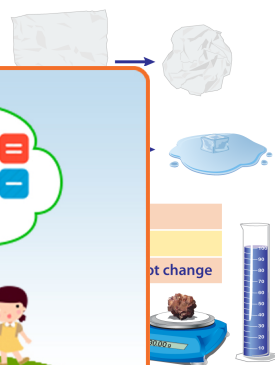
Molecule

Activation energy

1. **molecule** - the smallest unit of a substance made from a combination of elements



2. **physical change** - a change in which the appearance of a substance changes but its chemical properties remain unchanged; cutting paper is a physical change



3. **physical measurement**

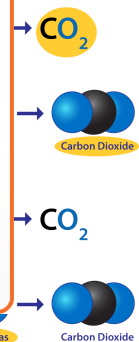


4. **product**

## PREVIEW

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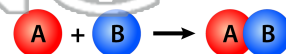
5. **reactants**  
interact



6. **Single Replacement Reaction** - a chemical reaction where a more active element replaces a less active element in a compound



7. **synthesis** - a chemical reaction where two or more elements or compounds combine to form a single product



8. **activation energy** - the minimum amount of energy needed to start a chemical reaction

