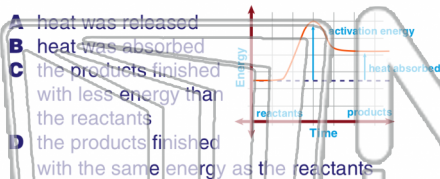




Name _____ Class _____ Date _____

1 What evidence is there that this graph represents an **endothermic reaction**?



- A heat was released
- B heat was absorbed
- C the products finished with less energy than the reactants
- D the products finished with the same energy as the reactants

2 Match the term with the correct equation.

- | | |
|---|---|
| <input type="checkbox"/> synthesis | A. $2K + I_2 \rightarrow 2KI$ |
| <input type="checkbox"/> decomposition | B. $Zn + 2HCl \rightarrow ZnCl_2 + H_2$ |
| <input type="checkbox"/> single replacement | C. $HCl + KOH \rightarrow H_2O + KCl$ |
| <input type="checkbox"/> double replacement | |

3 Match the term with the correct description.

- | | |
|--|-------------------------|
| <input type="checkbox"/> physical change | A. water boiling |
| | B. volume of water in a |

4 While conducting a science lab, a student is mixing two different chemicals together and notices **heat** being given off. This is

5



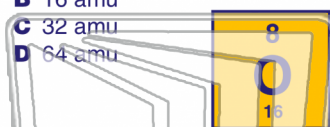
PREVIEW

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7



- B 16 amu
- C 32 amu
- D 64 amu



- A single replacement
- B double replacement
- C synthesis
- D decomposition

9 In the reaction shown below, what **substance** is **being replaced** and what is replacing it?



- A fluorine is being replaced by chlorine
- B calcium is being replaced by chlorine
- C calcium is being replaced by fluorine
- D chlorine is being replaced by fluorine

10 Baking a cake is an endothermic reaction that chemically changes the batter into a cake. For an **endothermic reaction** to occur, _____.

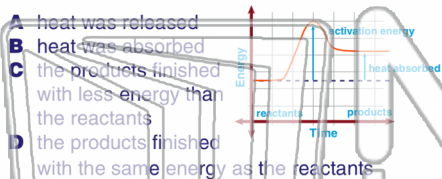
- A energy must be released
- B energy must be used
- C shaking is necessary
- D no reactants are used





Name _____ Class _____ Date _____

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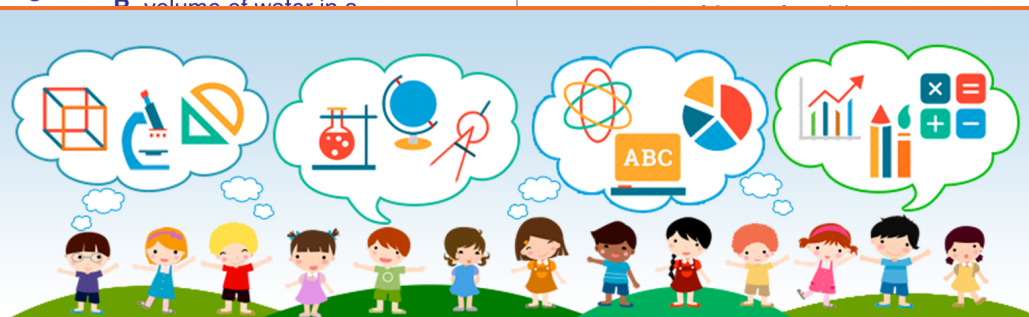
- | | |
|---|---|
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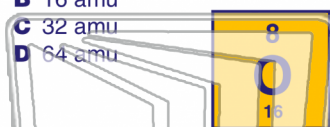


PREVIEW

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7

- A 4 amu $2H_2 + O_2 \rightarrow 2H_2O$
 B 16 amu
 C 32 amu
 D 64 amu



- A single replacement
- B double replacement
- C synthesis
- D decomposition

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