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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Endothermic and Exothermic Reactions

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| **Across**  **5.** Chemical reactions involve forming new bonds on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ side  **6.** Energy is \_\_\_\_\_\_\_\_\_\_\_\_ when new bonds form in the products  **8.** This type of reaction takes in heat, to decrease the temperature \_\_\_\_\_\_\_\_\_  **9.** In an endothermic reaction, it takes \_\_\_\_\_\_\_ to break bonds  **10.** chemical reactions involve breaking \_\_\_\_\_\_\_\_  **11.** It takes \_\_\_\_\_\_\_\_\_\_\_\_ to break bonds  **12.** An example of an exothermic reaction is \_\_\_\_\_\_\_\_\_  **13.** An example of an endothermic reaction is \_\_\_\_\_\_\_\_\_\_ | **Down**  **1.** How can you remember what exothermic means  **2.** How can you remember what endothermic means?  **3.** Chemical reactions occur when a \_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ is formed through a reaction  **4.** This type of reaction gives off heat, to increase the temperature\_\_\_\_\_\_\_\_\_  **7.** In an exothermic reaction, it takes \_\_\_\_\_\_\_\_ energy to break bonds of the reactants |

   Exothermic Reaction       Endothermic Reaction       Burning wood       vinegar and baking soda       bonds       products       energy       released       less       more       new substance       in means goes into something       Exo means to exit, like exits heat