Chemistry 0 Week 14 HW
Assigned on 01/17/2021 Due date: 01/23/2021

1. How does adding a catalyst speed up a reaction?
    A. It heats it up
    B. It increases the concentration of the reactants
    C. It provides an alternative pathway for the reaction with a lower activation energy
    D. All of the above

2. A catalyst is_____.
    A. a substance that speeds up a reaction
    B. a substance that is not consumed in a chemical reaction
    C. a substance sometimes called an enzyme
    D. All of the above

3. What type of reaction occurs in a hand warmer?
    A. Endothermic
    B. Exothermic

4. If a chemical reaction is EXOTHERMIC, the temperature would_____.
    A. Increase
    B. Decrease
    C. Stay the same

5. A student mixed two chemicals to allow them to react. The temperature before the reaction was 25 ° C. The temperature after the reaction was 18° C. Which of the following is true?
    A. It is an endothermic reaction
    B. It is an exothermic reaction

6. When ammonium nitrate is added to water, an endothermic reaction occurs and_____.

A. nothing changes
B. the temperature of the reaction mixture falls
C. the temperature of the reaction mixture increases
D. Heat is given out

7. In an exothermic reaction, _____.

A. energy is absorbed from the surroundings and the temperature increases
B. energy is released to the surroundings and the temperature of the surroundings increases
C. energy is absorbed from the surroundings and the temperature of the surroundings decreases
D. energy is released to the surroundings and the temperature of the surroundings decreases

8. In an endothermic reaction, _____.

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