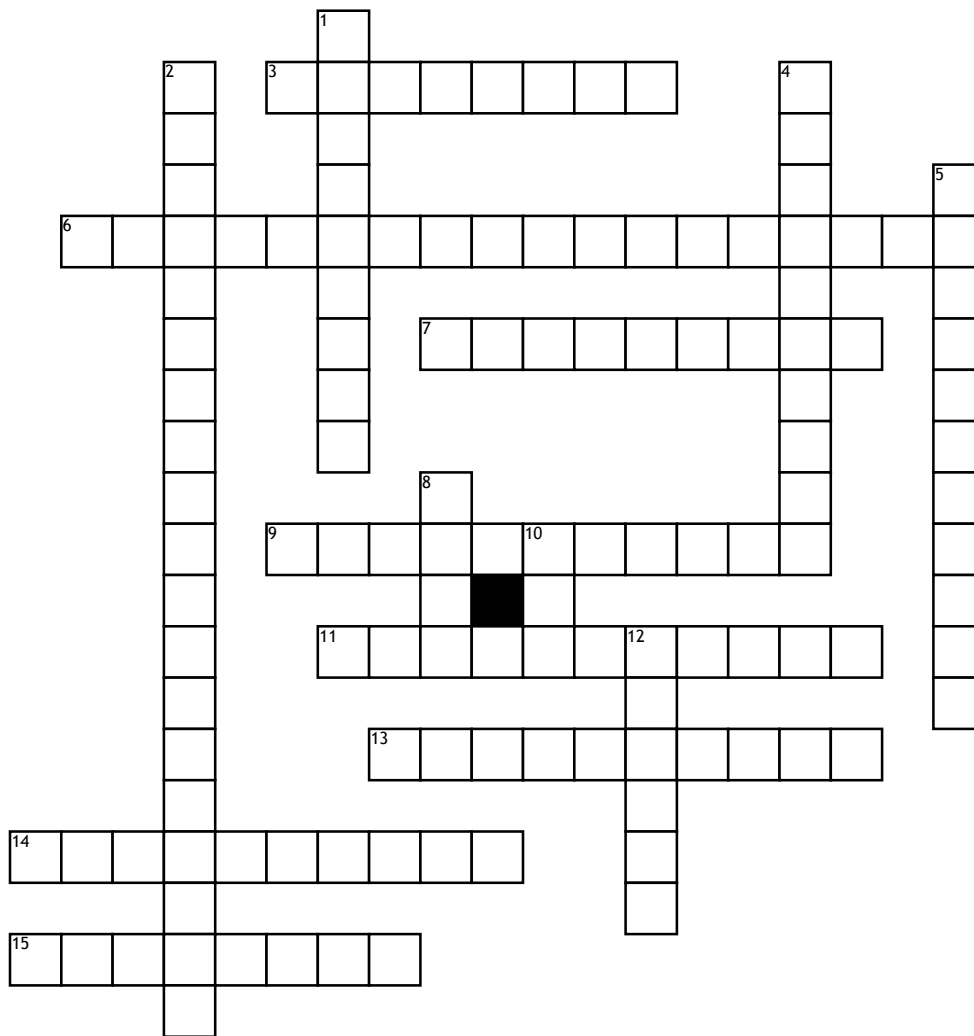


# Endothermic & Exothermic Reactions



## Across

3. In a chemical reaction, chemical bonds break and new bonds form. Chemical bonds contain energy. When a chemical bond breaks, energy is \_\_\_\_\_.

6. A \_\_\_\_\_ occurs when energy is released.

7. What happens to the temperature in an Exothermic Reaction?

9. If a reaction has a final temperature of 10 degrees and a starting temperature of 30 degrees, what type of reaction is it?

11. Instant Ice packs are an example of \_\_\_\_\_ reactions

13. Is this Endothermic or Exothermic? - A red glow spread throughout the mixture and the temperature rose.

14. Burning wood in a fire is an example of a \_\_\_\_\_ reaction.

15. Energy is \_\_\_\_\_ when chemical bonds form. These changes in energy are often indicated as a change in temperature.

## Down

1. What happens to the temperature in an Endothermic Reaction?

2. A \_\_\_\_\_ occurs when energy is absorbed.

4. If a reaction has a starting temperature of 10 degrees and a final temperature of 30 degrees, what type of reaction is it?

5. Is this Endothermic or Exothermic? - The mixture bubbled vigorously but the temperature dropped 15 degrees

8. Endothermic reactions will sometimes be described as feeling \_\_\_\_\_.

10. Exothermic reactions will sometimes be described as feeling \_\_\_\_\_.

12. During a chemical reaction what is always transferred?

## Word Bank

Energy

Increases

Endothermic

Exothermic

Absorbed

Exothermic

Released

Hot

Decreases

Exothermic

Exothermic Reaction

Endothermic

Endothermic Reaction

Endothermic

Cold