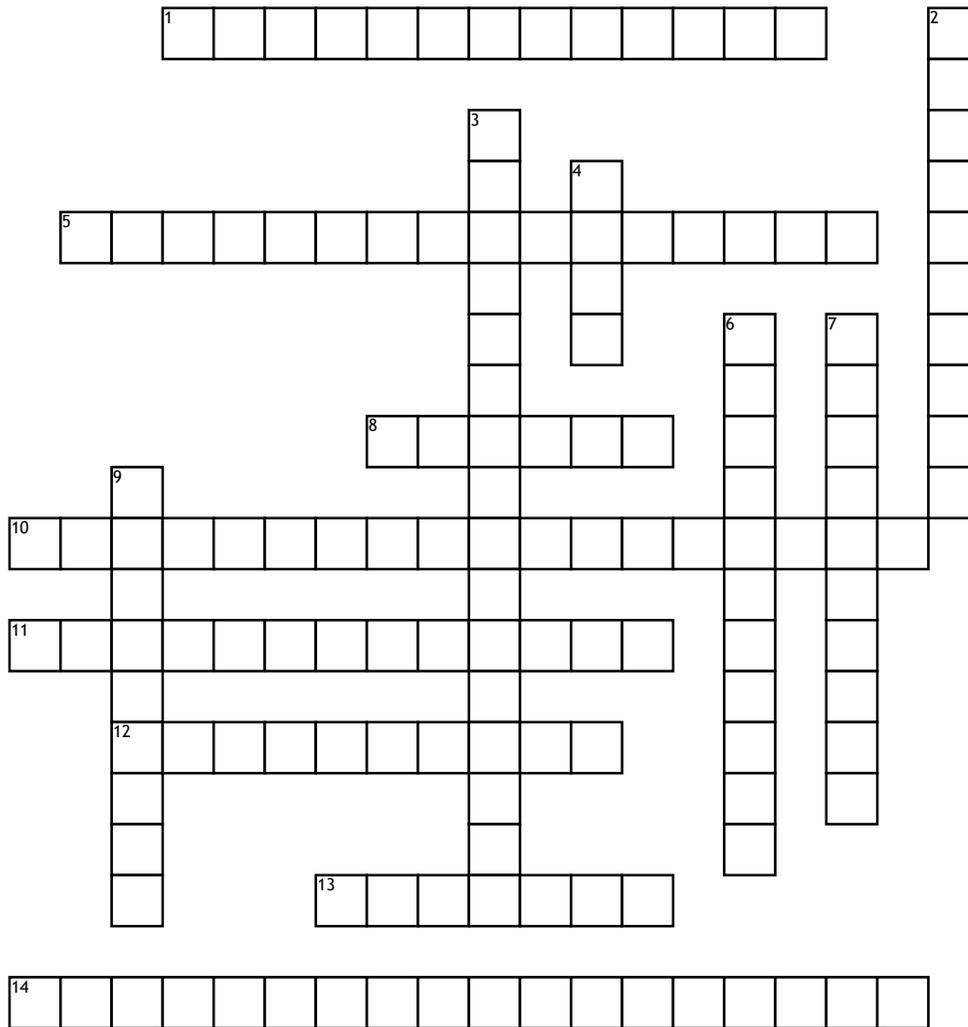


# Midterm Review Crossword Puzzle



## Across

1. Starts with 1 compound then ends with 2+ things/elements.
5. A simplified written formula (ex. CH.)
8. A scientist who believed the atom was solid, neutral and indivisible.
10. Something that can be measured or observed without changing its chemical make-up/identity.
11. Contains only metals, electron activity is seen as a "sea of mobile electron".

12. The release of heat to a substance.

13. Found in group 1 and are very reactive as well as they are never found alone.

14. How a substance can react while changing its chemical make-up/identity.

## Down

2. Electrons transfers from metals to nonmetals
3. An unsimplified written formula (ex. C. H.)

4. A scientist who gave a theory on electrons and how they orbit in circle, based on energy.

6. The absorption of heat to a substance.

7. Found in group 18 and are STABLE monatomic (1 single atom).

9. Starts with 2+ things/elements then ends with 1 compound.

## Word Bank

Decomposition

Ionic Bonds

Endothermic

Chemical Properties

Dalton

Alkalis

Molecular Formula

Bohr

Metallic Bonds

Noble Gases

Empirical Formula

Synthesis

Physical Properties

Exothermic