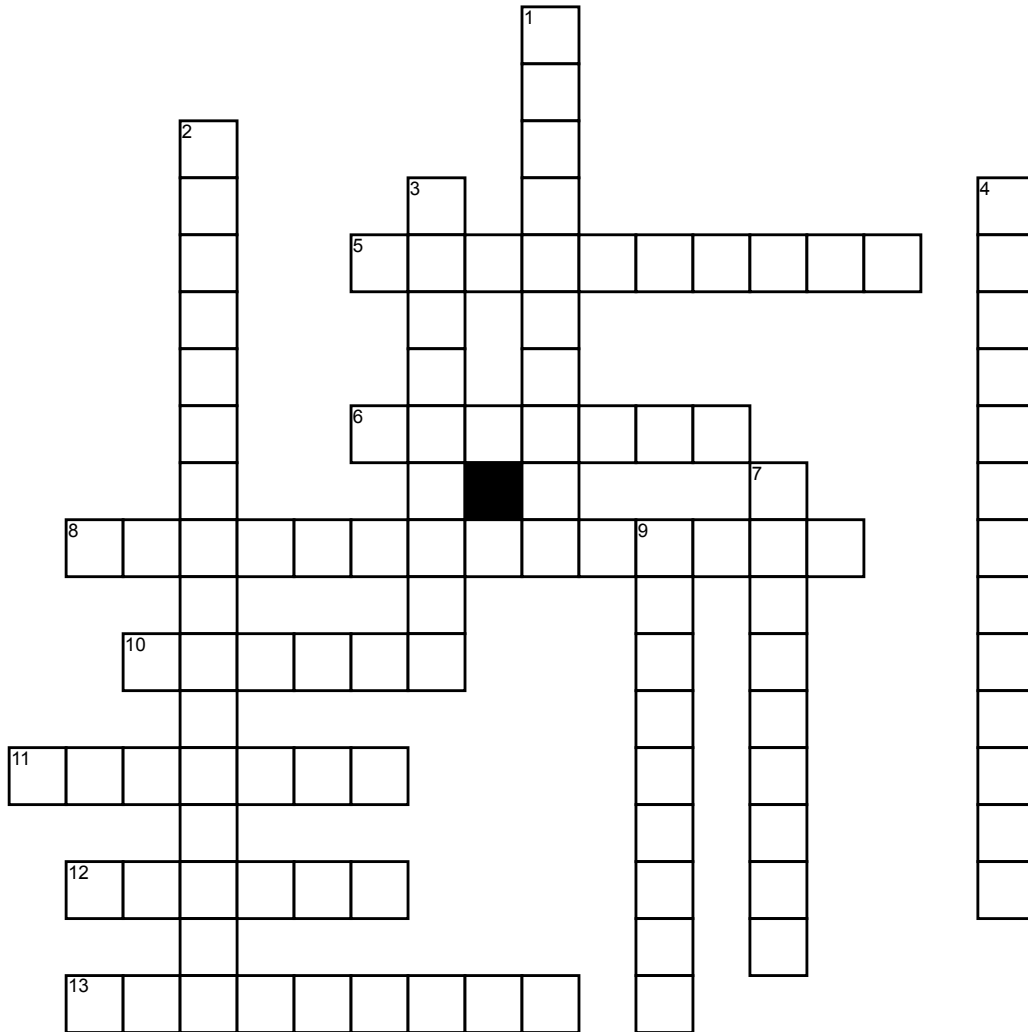


# Periodic Table



**Across**

- 5. Happy/Inert Elements (full outer shells)
- 6. Each row in the periodic table
- 8. One or two letter abbreviation derived from the element's English or Latin name
- 10. Any number of chemical elements, such as iron or copper, that are often ductile solids and good conductors of heat and electricity.
- 11. Metal capable of being drawn out into thin threads.

- 12. Columns from top to bottom in the periodic table.
- 13. Having extremely high resistance to the flow of charge through them.

**Down**

- 1. Have properties of both metals and non-metals.
- 2. The outer shell of an atom involved in forming bonds to adjacent atoms. Determines the number of bonds an atom can form.

- 3. Not able to conduct electricity or heat very well.
- 4. An organizational system for elements.
- 7. Material or device that conducts or transmits heat, electricity, or sound, especially when regarded in terms of its capacity to do this.
- 9. Metal capable of being shaped by hammering or by pressure from rollers.

**Word Bank**

- |                   |             |                 |                |
|-------------------|-------------|-----------------|----------------|
| Insulator         | Noble Gases | Chemical Symbol | Periodic Table |
| Valence Electrons | Malleable   | Ductile         | Periods        |
| Metals            | Conductor   | Metalloids      | Non-Metals     |
| Groups            |             |                 |                |