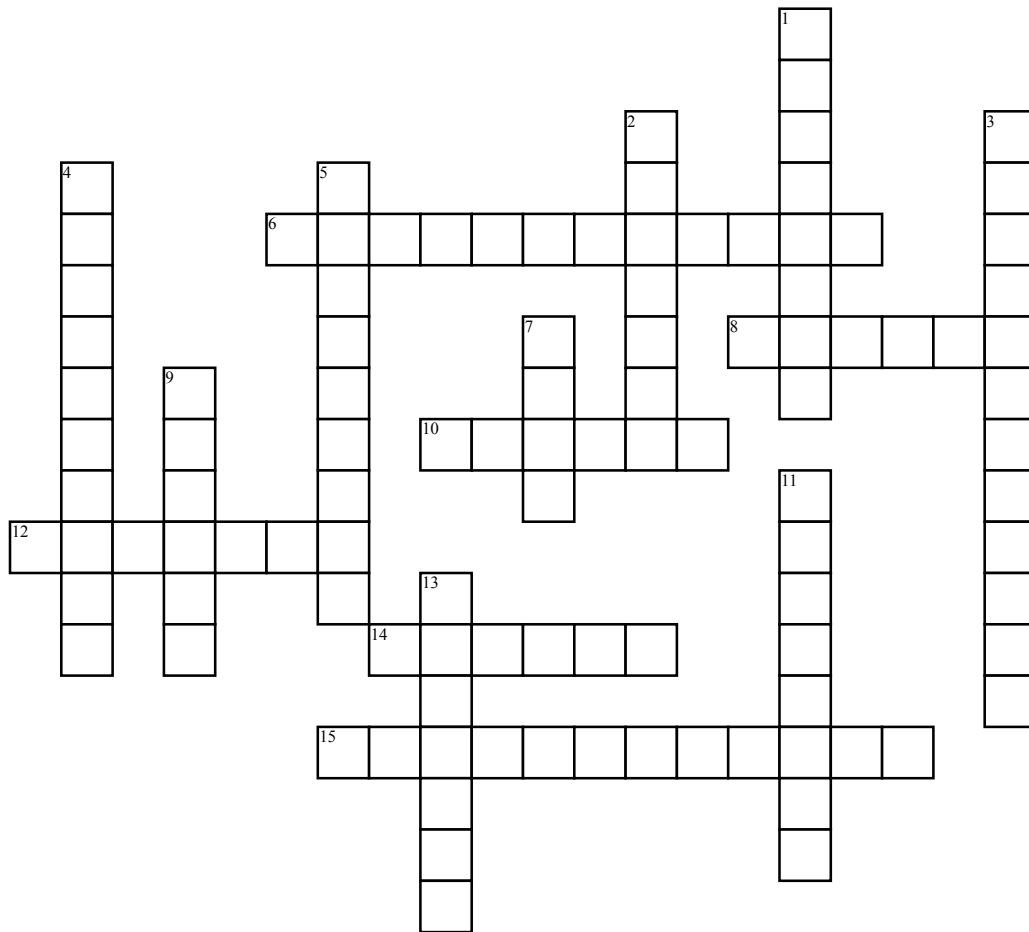


Physical Characteristics



Across

- 6. The ability of a substance to transfer heat or electrical energy.
- 8. A measure of the space that matter occupies
- 10. The way the surface of a mineral reflects light
- 12. A naturally formed, inorganic solid that has a specific chemical formula and repeating three-dimensional structure
- 14. Most elements are metals; they are typically solid, shiny, malleable, and good conductors of heat and electricity

- 15. A procedure used to measure volume of a solid object by placing it in a known amount of liquid.

Down

- 1. the act, process, or an instance of reacting.
- 2. A tendency to break rather than flex or bend.
- 3. The ability of something to be reshaped without breaking
- 4. Elements that have properties of both metals and nonmetals.

- 5. Elements that are typically not shiny, not malleable, and poor conductors of heat and electricity; usually gases or brittle solids.
- 7. Measures how much matter is present in a substance
- 9. The color of a mineral in powdered form left on a streak plate
- 11. A measure of scratch resistance of various minerals.
- 13. The mass of a substance divided by its volume

Word Bank

- | | | | | |
|--------------|----------|--------------|--------------|-----------|
| Hardness | reaction | Displacement | malleability | Streak |
| conductivity | volume | Mineral | metalloids | mass |
| metals | density | luster | Brittle | nonmetals |