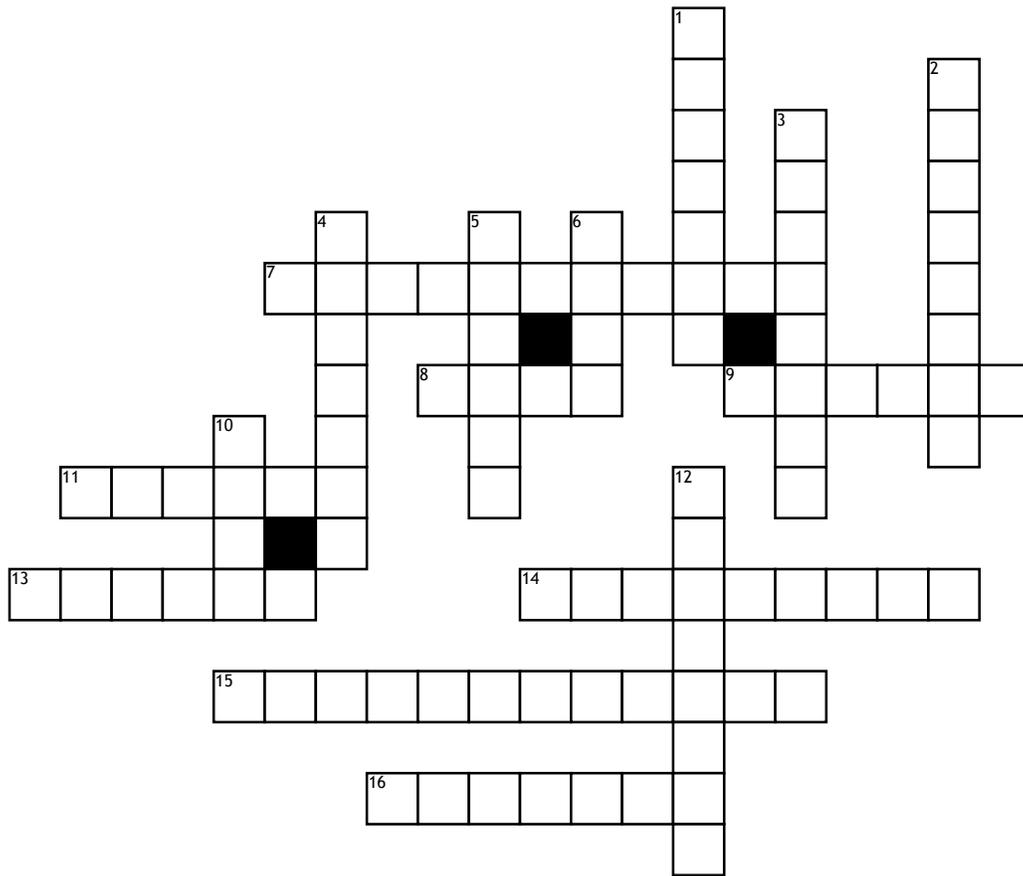


Properties of Matter



Across

7. The _____ of an object is a measure of how fast its particles are moving.
 8. The amount of matter in an object
 9. A solid nonmetal that is found in nature, it is brittle
 11. Something that has mass and takes up space
 13. The amount of space an object takes up

14. Elements that do not conduct heat or electricity very well
 15. The idea that everything is made of small particles
 16. It is used to make chips for electronics such as pocket calculators

Down

1. What is important for strong bones
 2. What is used to make ladders, and desks

3. The smallest particle of a compound that still has the properties of that compound
 4. The surface structure that you can feel by touching the material
 5. What are good conductors of heat and electricity
 6. The amount of matter in a solid, gas, or liquid
 10. Smallest part of an element that has properties of that element
 12. A type of matter made of two or more elements

Word Bank

- | | | | |
|----------|---------------|---------|-------------|
| mass | atomic theory | volume | molecule |
| Silicon | Sulfur | Calcium | matter |
| texture | nonmetals | metals | temperature |
| compound | Aluminum | atom | mass |