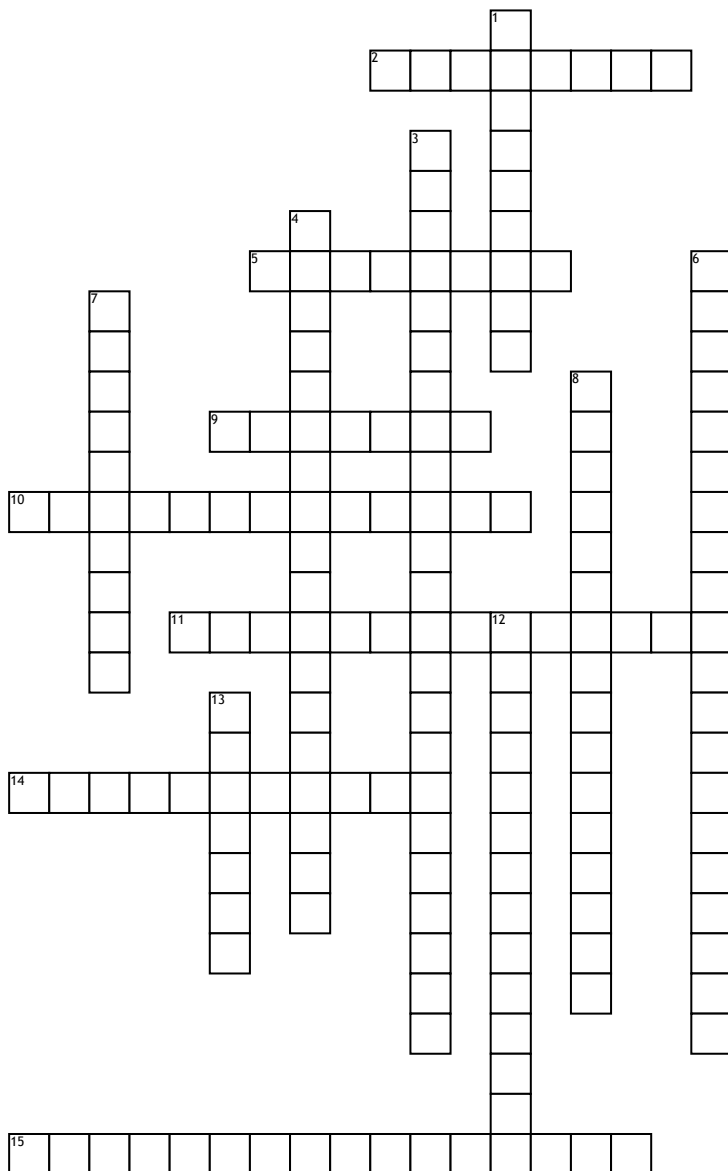


Chapter 9 Composition of Matter



Across

- 2. Another name for a homogeneous
- 5. Two or more elements that are combined
- 9. Atoms in a sample of matter have the same identity
- 10. Scattering of light by particles in a mixture
- 11. a change in size, shape, or state of matter
- 14. how a colloid structure is destroyed

- 15. characteristic of a substance that indicates whether it undergoes a certain chemical change

Down

- 1. Either an element or a compound
- 3. matter is neither created or destroyed during a chemical change
- 4. Two or more substances are uniformly spread out
- 6. Mixture in which different materials can be easily distinguished

- 7. a heterogeneous mixture containing a liquid where visible particles settle
- 8. characteristic of a material that you can observe without changing the substances that make up the material
- 12. the change of one substance in a material to another change
- 13. Heterogeneous mixture that like a solution never settles