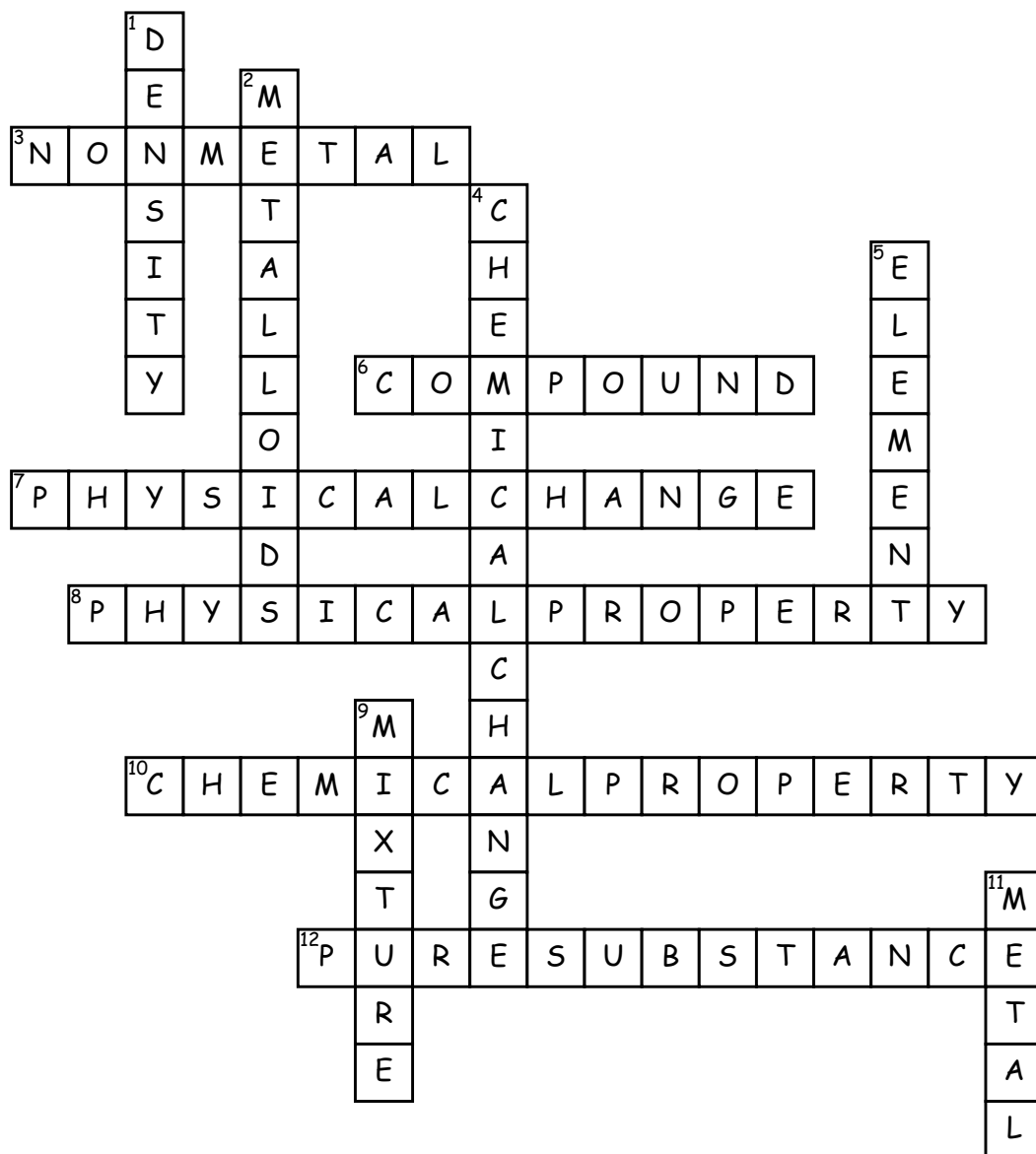


Elements, Compounds, and Mixtures



Across

3. An element that conducts heat and electricity poorly

6. A pure substance comprised of two or more elements that are joined by chemical bonds

7. Any change that affects the physical property of a substance

8. A characteristic of a substance that doesn't involve a chemical change

10. Matter based on its ability to change into new matter

12. A material in which all the basic particles are the same

Down

1. The amount of matter in a given volume

2. An element that has properties of both metals and nonmetals

4. When substances change into new substances that have different properties

5. A pure substance that can't be separated into simpler substances by chemical or physical methods

9. A combination of two or more substances that aren't chemically combined

11. An element that is shiny and conducts heat and electricity as well