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Classifying Matter Vocabulary Learning Check

Use the flashcards you created to write the vocabulary term in the correct blank.

ductility** 1. ability of a substance to be pulled into thin wires

**malleability** 2. ability of a substance to be hammered or rolled into sheets

**matter**  3. anything that has mass and takes up space

**semi metals** 4. another term for metalloid

**semi conductor** 5. conducts electricity at high temperatures but not at low temperatures

**luster** 6. describes the ability of a metal to reflect light

**nonmetals** 7. elements that have no metallic properties

**metals**  8. elements that are generally shiny and is easily pulled into wires or hammered into sheets

**metalloids** 9.element that has physical and chemical properties of both metals and nonmetals

**mixture** 10. matter that can vary in composition, made from two or more substances that are not chemically combined

**element**  11. pure substance made of only one kind of atom

**atom** 12. small particle that is the building block of matter, made up of protons and neutrons in the nucleus with electrons orbiting the nucleus

**conductor** 13. substance that allows heat or electricity to pass through it; a physical property of metals

**insulator** 14. substance that does not allow heat or electricity to pass through it; a physical property of non-metals

**compound** 15. substance made of two or more elements that are chemically joined in a specific combination

**molecule** 16. two or more atoms that are held together by chemical bonds and act as a unit