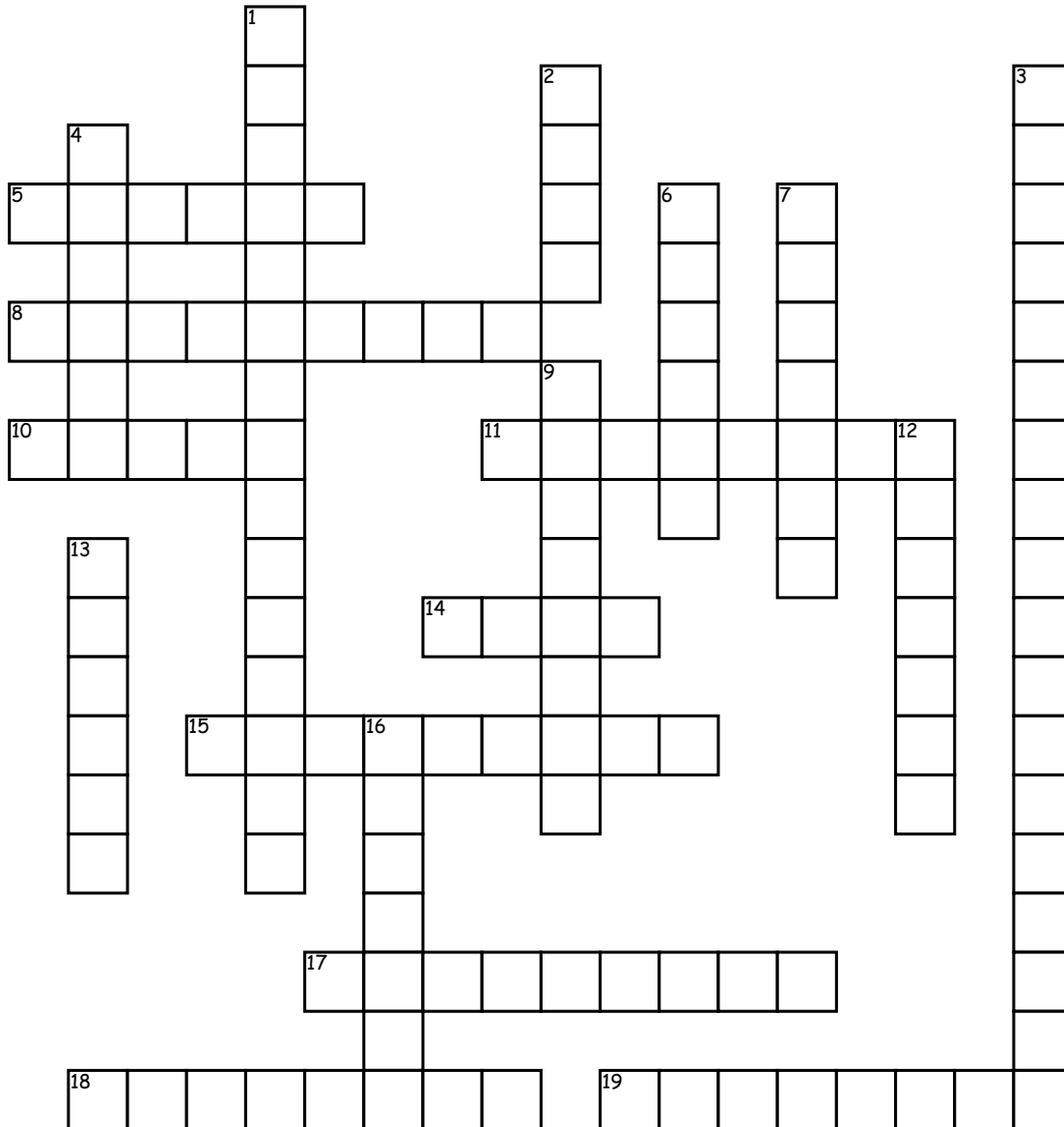


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Periodic Table



**Across**

- 5. The amount of space a sample of matter occupies.
- 8. Numbers that show the ratio of elements in the compound.
- 10. An element that is generally shiny, is easily pulled into wires or hammered into thin sheets, and is a good conductor of electricity and thermal energy.
- 11. Two or more atoms that are held together by chemical bonds and acts as a unit.
- 14. A small particle that is the building block of matter.
- 15. Matter with a composition that is always the same.

17. An element that has physical and chemical properties of both metals and nonmetals.

18. An element that has no metallic properties.

19. An element in group two on the periodic table

**Down**

- 1. A shorthand way of describing chemical compound.
- 2. The amount of matter in an object.
- 3. A mixture in which two or more substances are evenly mixed, but not bonded together.

4. The substance that breaks apart and mix evenly in the solvent.

6. Anything that has mass and takes up space.

7. Matter that can vary in composition.

9. A substance made of two or more elements that are chemically joined in a specific combination.

12. A pure substance that is made of only one kind of atom.

13. An element in group one on the periodic table.

16. The substance that is present in the largest amount in the mixture.