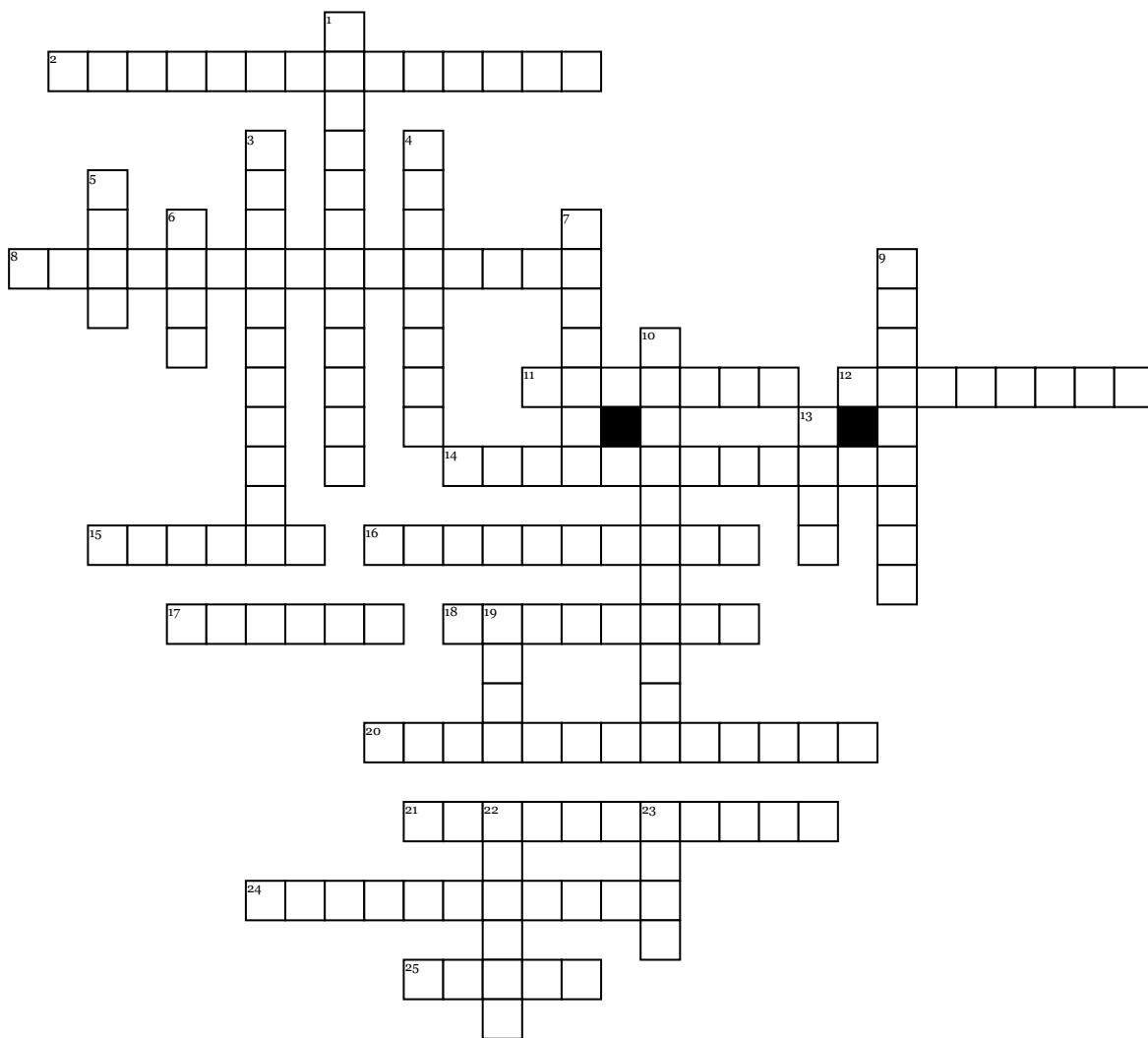


Chemistry Mrs. Murray



Across

- 2.** is one made up of two elements.
8. is the apparent charge on an atom
11. is a particle in the nucleus of an atom
12. is when a gas moves through an opening into a low-pressure container
14. is the minimum quantity of radioactive material needed to cause a nuclear chain reaction.
15. is a protein that acts as a catalyst in a biochemical reaction.
16. the amount of energy required to break one mole of chemical bonds.
17. is the substance that gets dissolved in a solvent
18. is a measure of the amount of energy in a system.
20. is energy of motion

- 21.** include lithium, sodium, and potassium.

- 24.** is a possible value of energy that an electron can have in an atom.
25. organic molecule in which one or more of the hydrogen atoms in ammonia have been replaced

Down

- 1.** a chemical bond formed when two atoms share two electrons.
3. occurs in reversible reactions when the forward rate of the reaction is the same as the reverse rate of the reaction.
4. is a measure of how close a measured value is to its true value.
5. include any chemical that gives off protons or H⁺ in water.

- 6.** is the amount of matter in a substance
7. as a result of a chemical reaction.
9. is the movement of particles from an area of higher concentration to one of lower concentration.
10. is an ionic compound that dissolves in water to produce ions, which can conduct electricity.
13. a compound that produces OH⁻ ions or electrons in water
19. is a location in an orbital
22. is a unit of temperature
23. Avogadro's number