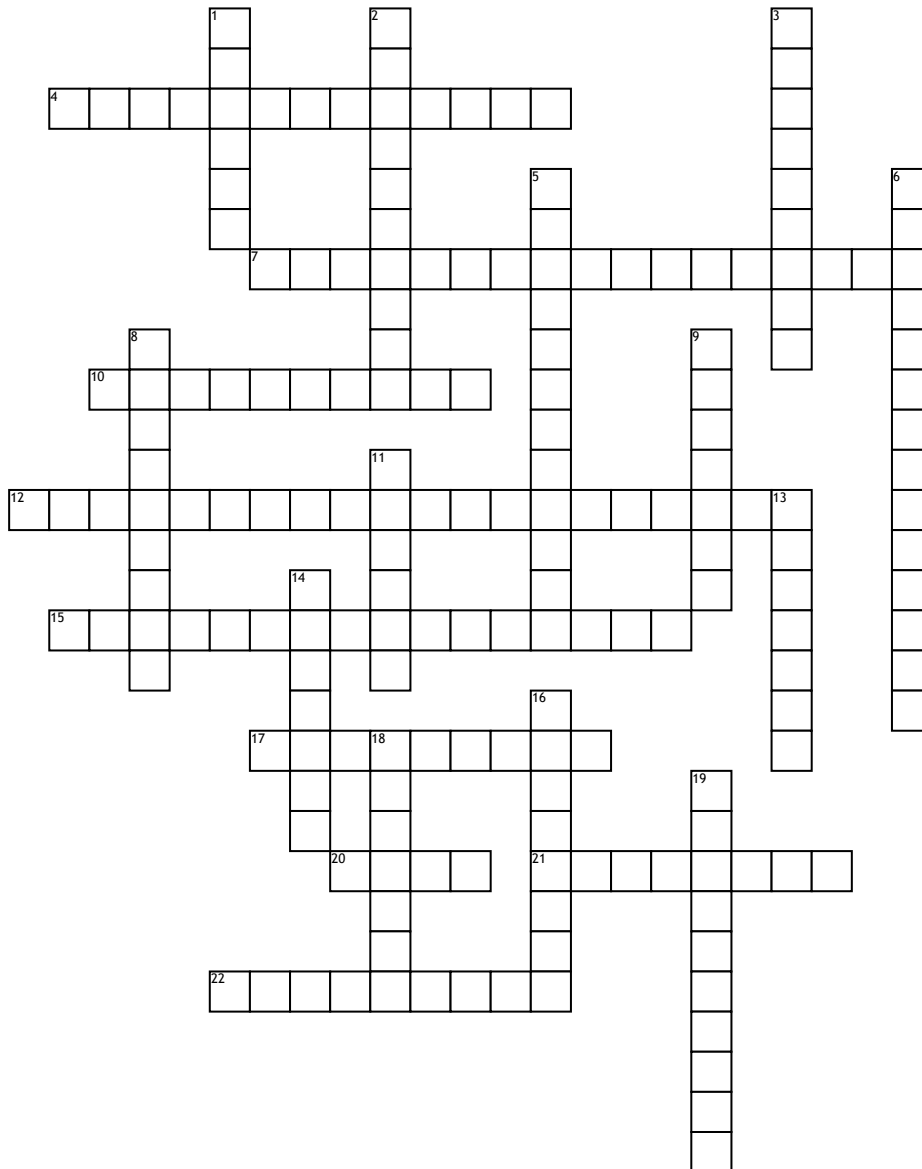


Vocabulary crossword



Across

- 4. An organizational system for elements
- 7. A mixture that appears to be the same throughout.
- 10. Happy/Inert Elements (Full outer shell)
- 12. A mixture that does not appear to be the same throughout.
- 15. The outer shell of an atom involved in forming bonds to adjacent atoms. Determines the number of bonds an atom can form
- 17. Material or device that conducts or transmits heat, electricity, or sound, especially when regarded in terms of its capacity to do this.
- 20. Smallest possible unit into which matter can be divided, while still maintaining its properties

- 21. Pure substances that are the unions of two or more elements.

22. Metal capable of being shaped by hammering or by pressure from rollers.

Down

- 1. Columns from top to bottom in a periodic table
- 2. Have properties of both metals and nonmetals.
- 3. Having extremely high resistance to the flow of charge through them.
- 5. The number of protons in the nucleus of an atom, which determines the chemical properties of an element and its place in the periodic table.
- 6. One or two letter abbreviation derived from the element's English or Latin name.
- 8. Not able to conduct electricity or heat very well.

- 9. Two or more substances that are not chemically combined with each other and can be separated by physical means. The substances in the mixture retain their individual properties.

- 11. Any number of chemical elements, such as iron or copper, that are often ductile solids and good conductors of heat and electricity.
- 13. Simplest form of pure substance. They cannot be broken into anything else by physical or chemical means.
- 14. Each row in a periodic table.
- 16. The smallest particle in a chemical element or compound that has the chemical properties of that element or compound.
- 18. Metal capable of being drawn out into thin threads
- 19. The mass of a given atom or molecule.