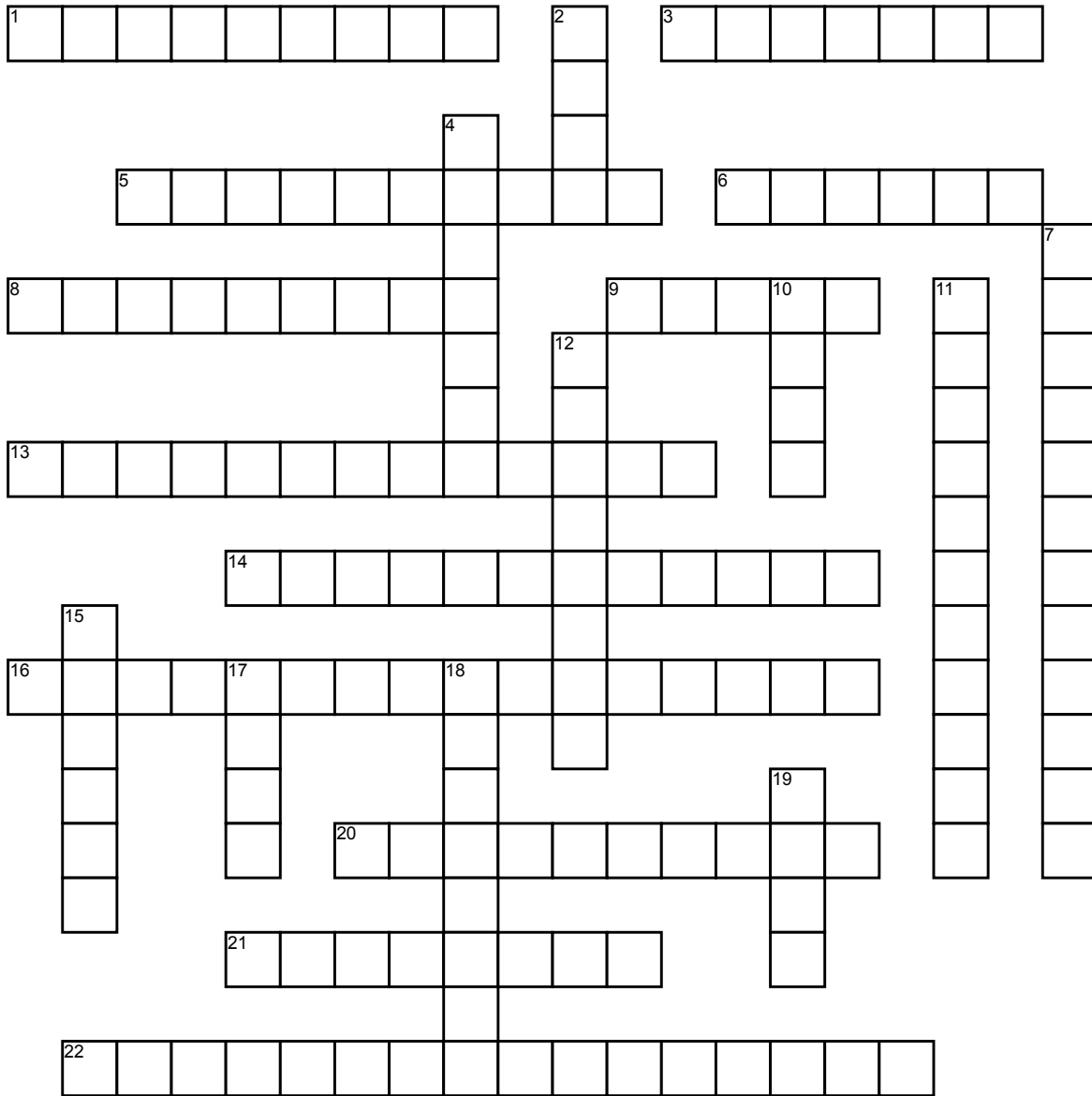


Name: _____

Chemistry Crossword Puzzle



Across

- Method by which hydrophobic (water-repelling) particles of an ore are separated from hydrophilic (water-attracting) particles of a metallurgical pretreatment process.
- A combination of pure substances.
- Elements with properties intermediate between the properties of metals and non-metals.
- A subatomic particle with a positive charge.
- the material or protoplasm within a living cell, excluding the nucleus.
- An element below and to the left of the stepwise division (metalloids) in the upper right corner of the periodic table.
- The substance that reduces another substance and is oxidized.

14. Noble gases reside in group 18 on the ___ of elements.

16. The ___ states the system mass remains constant.

20. In a ___, a cloudy mixture is formed in which tiny particles of one substances are held within another substance.

21. A ___ is a combination of two or more atoms held together by covalent bonds.

22. a representation of a chemical reaction using symbols of the elements to indicate the amount of substance, usually in moles, of each reactant and product.

Down

2. a chemical substance that neutralizes alkalis, dissolves some metals, and turns litmus red.

4. Combination of symbols that indicates the chemical composition of a substance.

7. Compounds that contain only carbon and hydrogen.

10. One ___ of oxygen is not stable, two are required for stability.

11. A measure of the intensity of heat, i.e. the hotness or coldness of a sample or object

12. A subatomic particle with a negative charge

15. A series of cloud-like energy levels called ___.

17. An atom or a group of atoms that carries an electric charge.

18. The substance will remain the same through a ___ change.

19. When two or more atoms join together, they form ___.