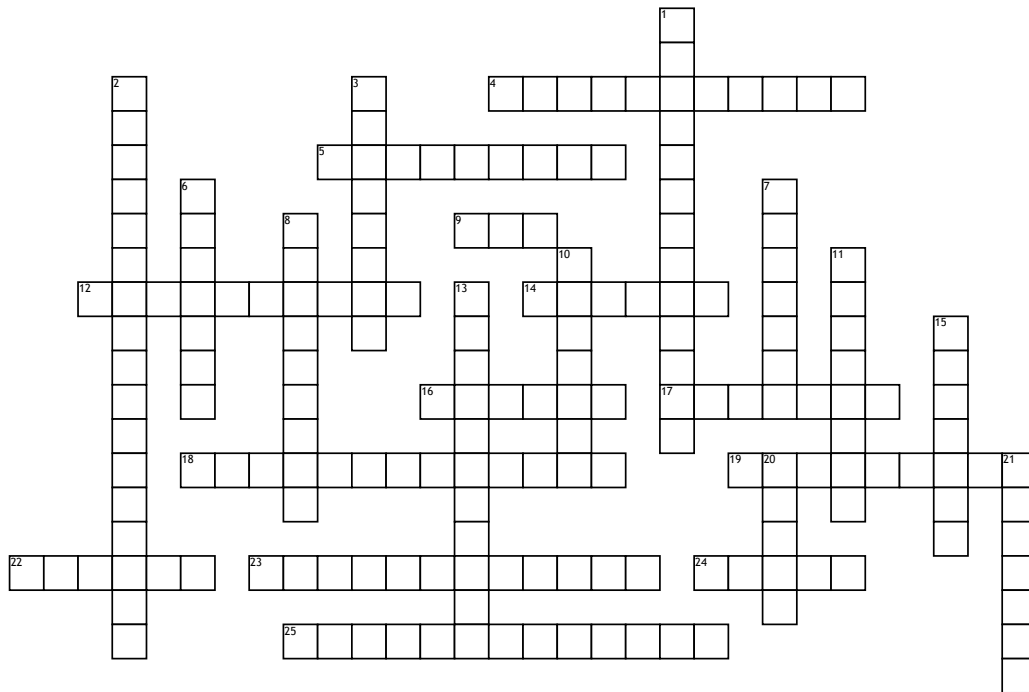


Name: \_\_\_\_\_

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

# Science Review Crossword - Pure Substances and Mixtures



**Across**

- 4. Removing the liquid portion of a solution using heat
- 5. Method that separates the less dense materials from the liquid
- 9. The chemical formula for water
- 12. This method uses a filter paper to separate large particles from a solution
- 14. The smaller amount of a substance
- 16. Meaning of the octagon hazard symbol
- 17. Meaning of the triangle hazard symbol
- 18. To increase the concentration of the solute beyond the saturation point
- 19. Uses a magnet to remove magnetic substances from a mixture

- 22. Contains a small amount of solute per litre of solution
- 23. Contains a large amount of solute per litre of solution
- 24. Short form of Workplace Hazardous Materials Information System
- 25. Elements are arranged here in order of atomic number

**Down**

- 1. Can't be broken down into smaller substances
- 2. Can be described as a heterogeneous mixture
- 3. Can be described a homogenous mixture

- 6. This method uses a sieve or strainer to separate coarse parts from finer material
- 7. Made up of only one type of atom
- 8. E.g., No more sugar can dissolve in the tea
- 10. The greater amount of a substance
- 11. Composed of two or more different elements
- 13. Room for solute
- 15. Meaning of the diamond hazard symbol
- 20. They make up everything
- 21. A substance made by mixing different substances together

**Word Bank**

DILUTE	EVAPORATION	FLOTATION	H2O	PURESUBSTANCE
DANGER	SIFTING	MECHANICALMIXTURE	ATOMS	SOLUTE
SOLVENT	UNSATURATED	SATURATED	SOLUTION	WHMIS
ELEMENT	COMPOUND	PERIODICTABLE	MIXTURE	FILTRATION
CONCENTRATED	WARNING	SUPERSATURATE	MAGNETISM	CAUTION