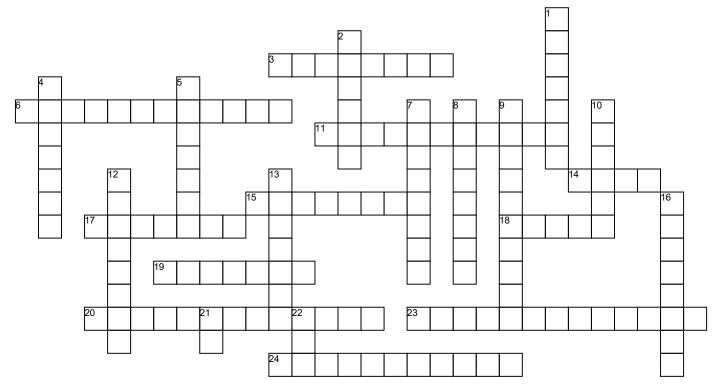
Chemistry Terms Review Crossword Puzzle 2

1. Using the Across and Down clues, write the correct answer in the numbered grid below.



ACROSS

- 3. A homogeneous mixture of two or more substances.
- 6. The process where a gas changes into a liquid.
- 11. The process by which cells convert glucose and oxygen into energy.
- 14. The unit for amount of substance, containing Avogadro's number of particles.
- 15. Type of bond where atoms share electrons.
- 17. A substance that cannot be broken down into simpler substances.
- 18. The electrode where oxidation occurs.
- 19. A large molecule made up of repeating units.
- 20. A type of radiation consisting of two protons and two neutrons.
- 23. Gases that trap heat in the atmosphere.
- 24. A reaction that absorbs energy.

DOWN

- 1. The process where a liquid changes into a gas.
- 2. A solution that resists changes in pH.
- 4. The small building block that makes up polymers.
- 5. A regular arrangement of particles in a crystalline solid.
- 7. Adding more solvent to decrease the concentration of a solution.
- 8. A type of electrochemical cell that generates electrical energy.
- 9. A process used to separate solids from liquids using a filter.
- 10. A molecule with two poles of opposite charge.
- 12. Two or more atoms bonded together.
- 13. The substance that dissolves the solute in a solution.
- 16. Precipitation that is more acidic than normal due to air pollution.
- 21. A measure of how acidic or basic a solution is.
- 22. An atom or molecule with a net electric charge.

| anode | galvanic | buffer |
|----------------|--------------|----------------|
| solution | monomer | mole |
| ion | boiling | dipole |
| greenhouse gas | condensation | polymer |
| рН | molecule | element |
| lattice | covalent | endothermic |
| respiration | solvent | acid rain |
| dilution | filtration | alpha particle |