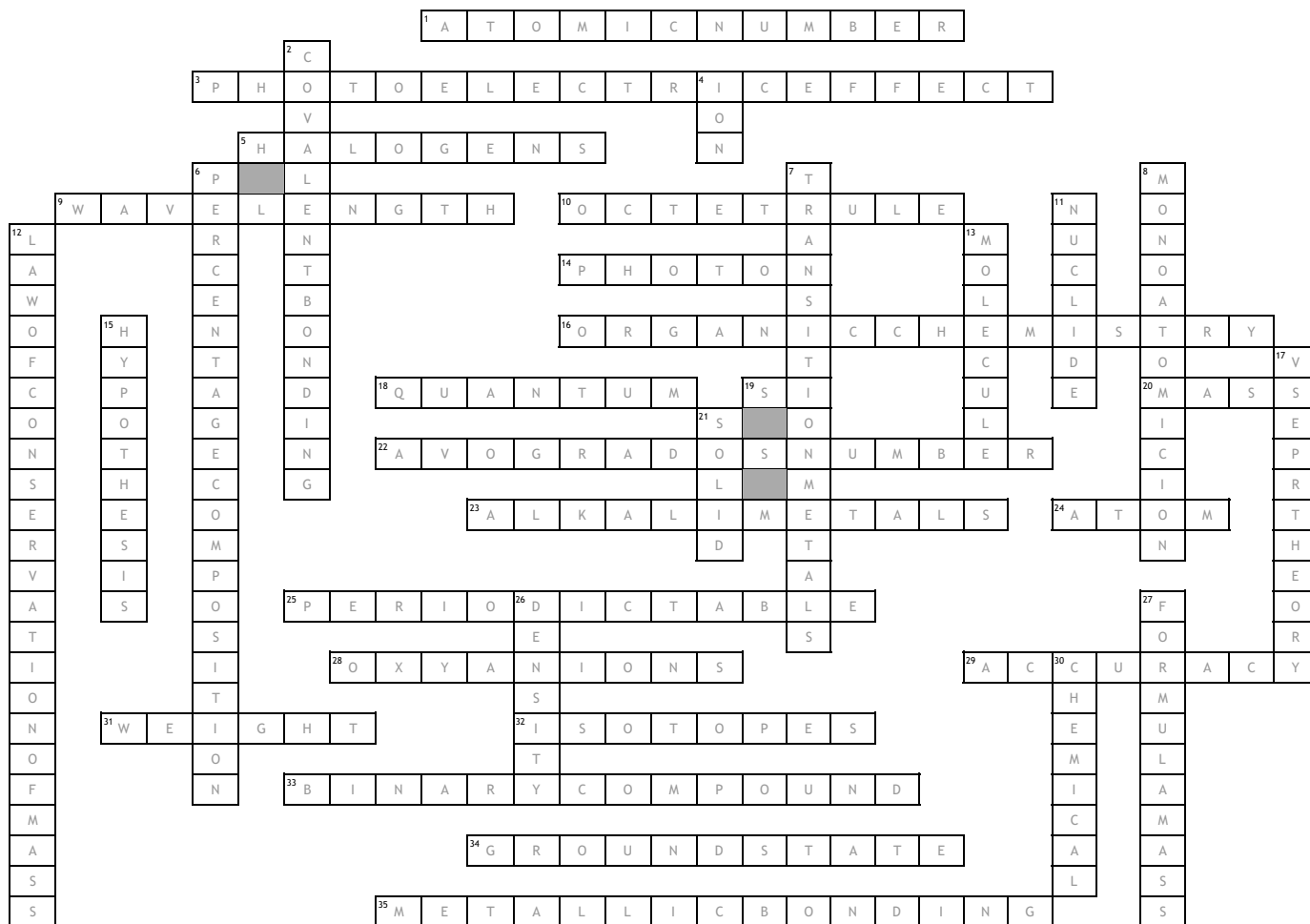


Chemistry Review Crossword



Across

- number of protons in each atom of an element (3)
- emission of electrons from metal when light is shined upon it (4)
- Group 17 elements (5)
- distance between corresponding points on adjacent waves (4)
- rule where atoms must have 8 electrons in each orbital (6)
- a particle of electromagnetic radiation containing a quantum of energy (4)
- study of carbon-containing compounds (1)
- minimum energy that can be lost or gained (4)
- system of measurements used by scientists all around the world (2)
- measure of the amount of matter (1)
- $6.022140857 \times 10^{23}$ (3)
- group 1 elements (5)
- smallest unit of matter (1)
- arrangement of elements by their atomic number (5)
- polyatomic ions containing oxygen (7)
- how close measurements to the correct amount or answer (2)
- gravitational pull of something (2)
- atoms of the same element with different masses (3)
- compound formed from two elements (7)
- lowest energy state of an atom (4)
- bonding from attraction between metals and surrounding electrons (6)

Down

- sharing of electron pairs between two atoms (6)
- bonded atoms with a positive or negative charge (5)
- Mass of each element in a compound shown as a percent (7)
- D-block elements that are metals (7)
- ion formed from a single atom (7)
- specific isotope of an element (3)
- mass is neither created nor destroyed during reactions (3)
- atoms held together by covalent bonds (6)
- testable statement (2)
- valence-shell, electron-pair, repulsion (6)
- state of matter with definite shape and volume (1)
- mass divided by volume (2)
- sum of all atomic masses in a formula (7)
- substance with definite composition (1)