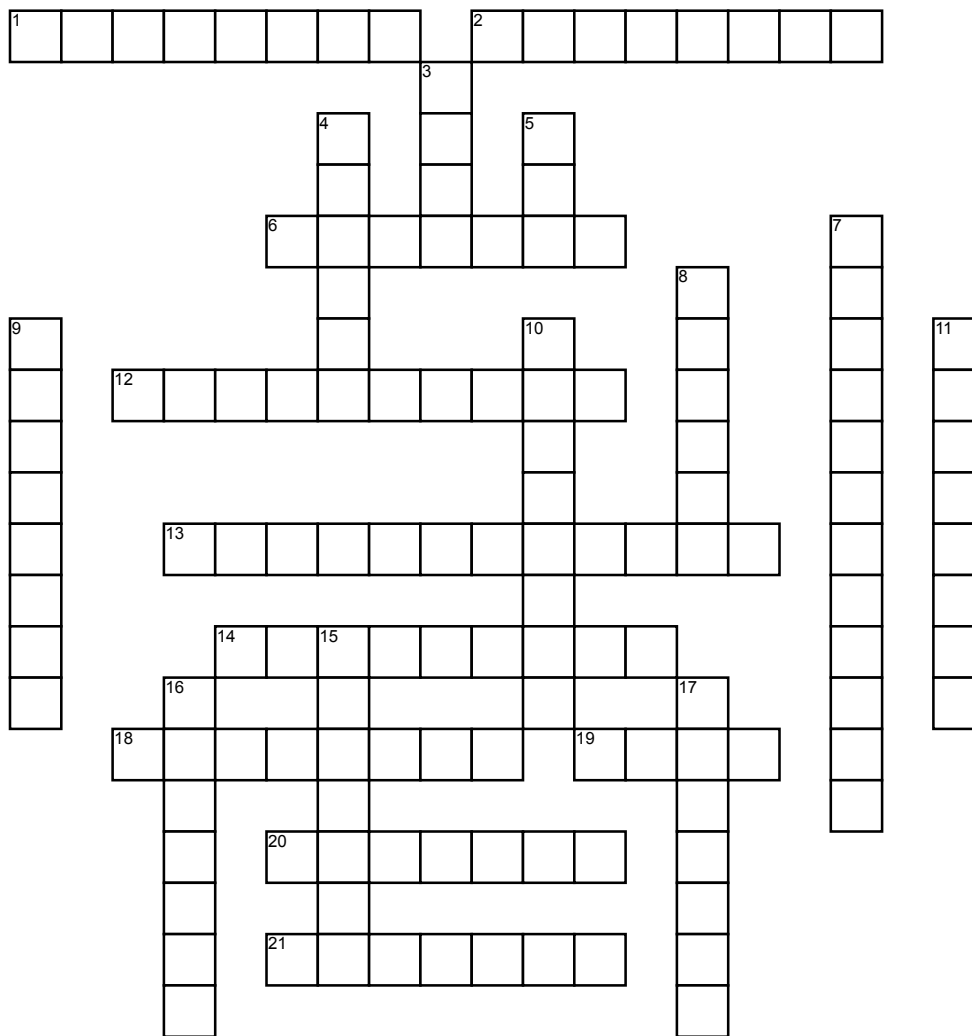


Unit 1 performance Assessment



Across

1. attraction between molecules of the same substance
2. substance formed by the chemical combination of two or more elements in definite proportions.
6. substance containing entirely of one type of atom
12. mixture of water and non dissolved materials
13. bond formed by the sharing of electrons between atoms
14. bond formed when one or more electrons are transferred from one atom to another
18. smallest unit of most compounds
19. compound that forms hydrogen ions (H⁺) in solution

20. a subatomic particle of about the same mass of a proton but without an electrical charge, present in all atomic nuclei except those of ordinary hydrogen.

21. atom of an element that has a number of neutrons different from that of other atoms of the same element.

Down

3. basic unit of matter
4. substance that is dissolved in a solvent to make a solution
5. atom that has a positive or negative charge
7. a weak bond between two bonds resulting from an electrostatic attraction between a proton in one molecule and an electro negative atom in the other
8. a stable subatomic particle occurring in all atomic nuclei, with a positive electric charge equal in magnitude to that of an electron, but of opposite sign

9. negatively charged particle; located outside the atomic particle.

10. mixture of two or more substances in which the molecules of the substances are evenly distributed

11. attraction between molecules of different substances; in plants, attraction between unlike molecules

15. the center of the atom which contains the protons and neutrons, in cells, structure that contains the cells genetic material (DNA) and controls the cells activities.

16. substance in which a solute is dissolved to form a solution

17. material composed of two or more elements or compounds that are physically mixed together but not chemically combined

Word Bank

isotope	element	ion	ionic bond	compound	acid
neutron	atom	covalent bond	suspension	mixture	proton
solute	hydrogen bond	cohesion	adhesion	nucleus	solvent
solution	electron	molecule			