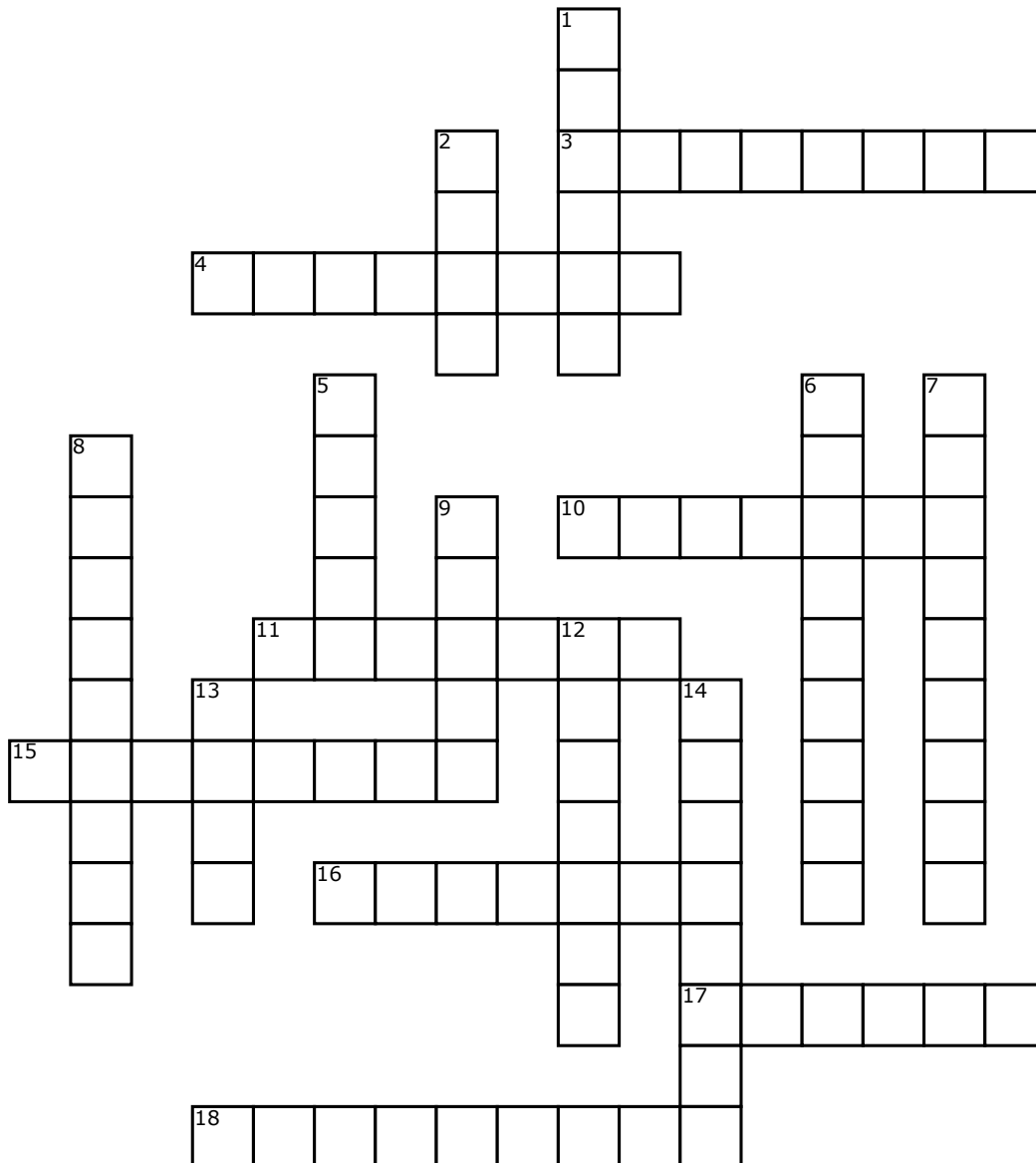


Water Chemistry



Across

- 3. A _____ is a combination of atoms formed by a covalent bond.
- 4. The two _____ share their electrons.
- 10. Eight electrons fill the outer most shell or _____.
- 11. _____ have a positive charge.
- 15. The bond between two atoms of hydrogen is called a _____ bond.
- 16. The term _____ is applied to any substance that cannot be decomposed into simpler substances by chemical reactions.
- 17. O is the symbol for _____.

18. _____ have a negative charge.

Down

- 1. The atomic _____ is determined by the number of protons.
- 2. An _____ is the smallest part of any element that retains all the properties of that element.
- 5. Water is a _____ molecule.
- 6. Chemists have identified _____ chemical elements in nature.
- 7. Each element is comprised of _____ particles called atoms.
- 8. Each atom is made up of 3 types of _____ particles.

9. The valence's eight electrons can also be called an _____.

- 12. The atom's _____ has an overall positive charge equal in magnitude to the number of protons it contains.
- 13. Atomic _____ is determined by the sum of protons and neutrons.
- 14. _____ have no charge. They are neutral.