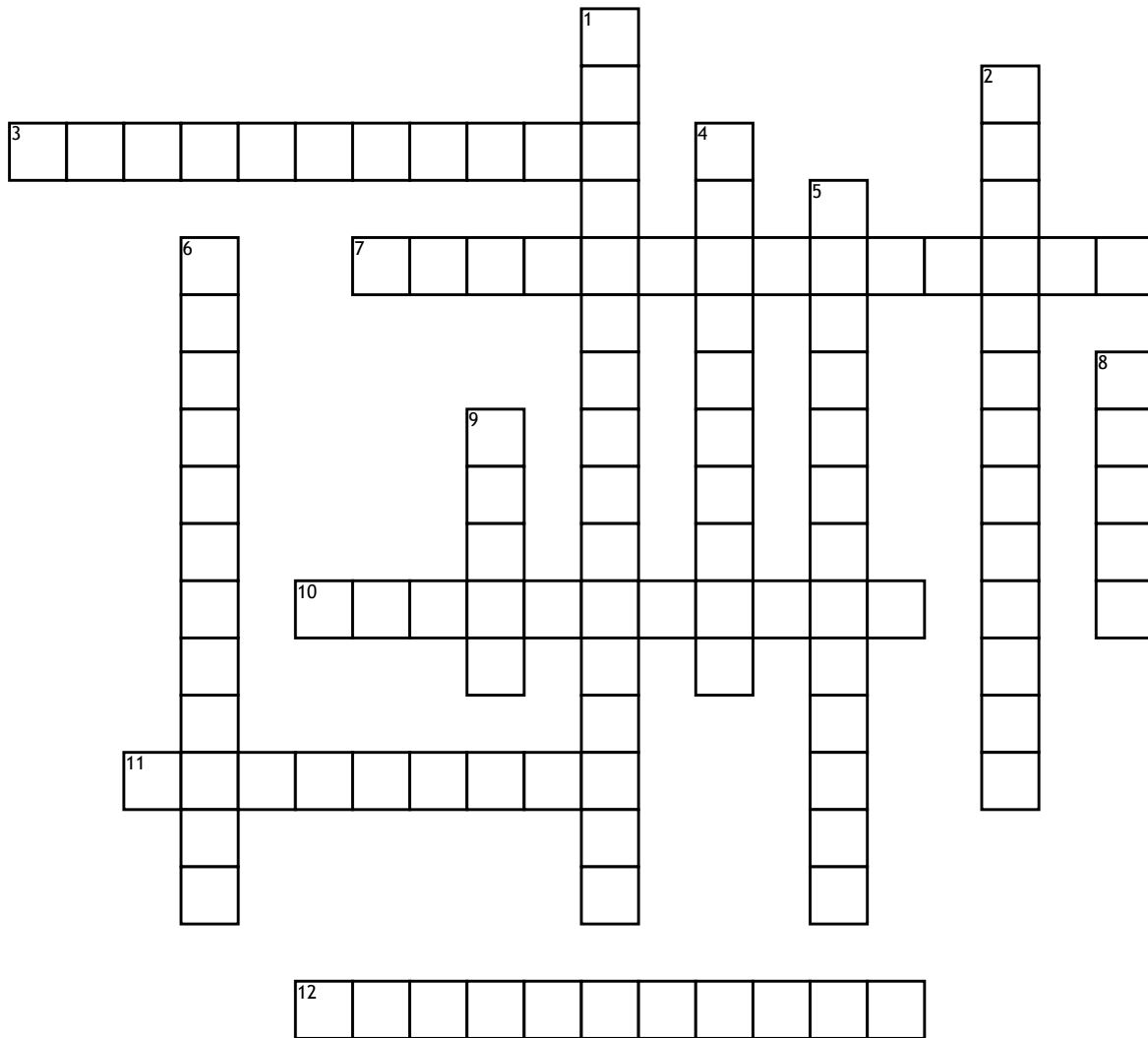


Ion Crossword



Across

- 3. An ionic compound whose aqueous solution conducts an electric current
- 7. a three dimensional geometric arrangement of particles
- 10. The electrons present in the outer energy level that are free to move

- 11. Electrostatic force that holds oppositely charged particles together in an ionic compound
- 12. simplest ratio of the ions involved

Down

- 1. proposes that all the metal atoms in a metallic solid contribute their valence electrons to form a "sea" of electrons

- 2. Compounds that contain ionic bonds
- 4. Ions made up of one or more atom
- 5. The energy required to separate 1 mol of the ions of an ionic compound
- 6. The attraction of a metallic cation for delocalized electrons
- 8. A negatively charged ion
- 9. A mixture of elements that has metallic properties