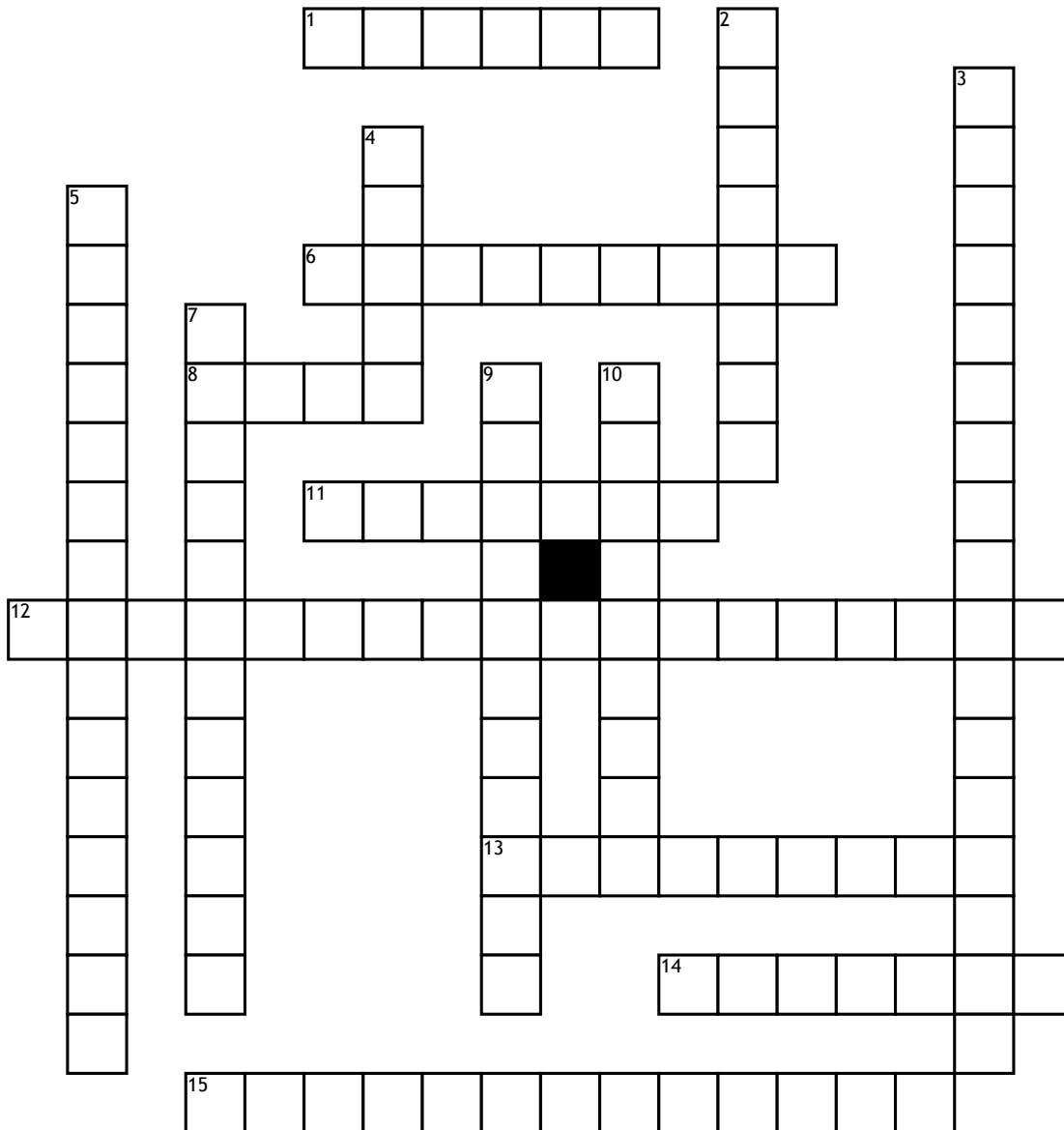


Electrifying CrossWord



Across

- 1. Electrons that are arranged in several layers are called
- 6. Materials that have free electrons and allow electrical current to flow easily are called a
- 8. The amount of electrical current that exists when electrons, having one coulomb of charge, move past a given point in one second
- 11. The flow of electrons measured in units is called
- 12. The invisible field that surrounds negatively charged Electrons are called

- 13. Since this doesn't tend to share their electrons easily, it doesn't make good conductors of electrical currents this is called a(n)
- 14. The much larger and heavier version of electrons are
- 15. When an electron gains a lot of energy, it can break away and become a

Down

- 2. Any material that is composed of more than one type of atom is a

- 3. The flow of electrons can be directed through materials and this flow is a(n)
- 4. All matter, solids, liquids, and gases, are composed of
- 5. Any material that is composed of only one type of atom is a
- 7. The outer shell of any atom is called a
- 9. A naturally occurring force that exists all around us is
- 10. The Central nucleus surrounded by tiny, weightless particles are called