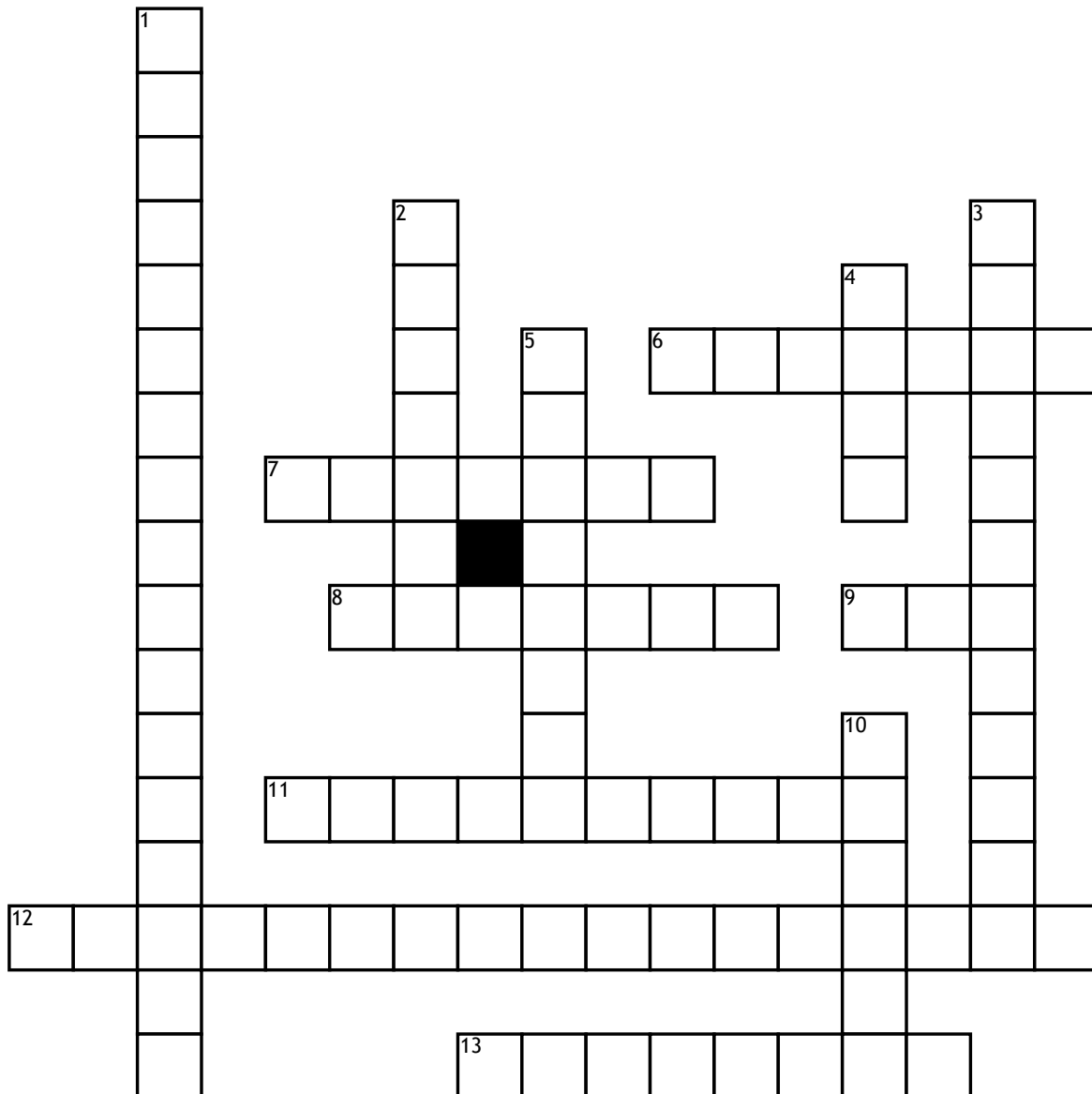


Atomic Structure



Across

6. A neutral particle found in the nucleus of an atom.

7. A substance containing only one type of atom.

8. Atoms with the same number of protons but a different number of neutrons

9. An electrically charged particle containing different numbers of protons and electrons.

11. Number of protons plus neutrons in an atom

12. The arrangement of electrons in the energy levels of an atom.

13. A substance made from different elements chemically bonded together.

Down

1. The region an electron occupies surrounding the nucleus inside an atom

2. Central part of an atom containing protons and neutrons

3. Number of protons in an atom

4. A particle with no electric charge made up of a nucleus containing protons and neutrons and surrounded by electrons

5. Negatively charged particles found on energy levels (shells) surrounding the nucleus inside atoms.

10. A positively charged particle found in the nucleus of an atom.