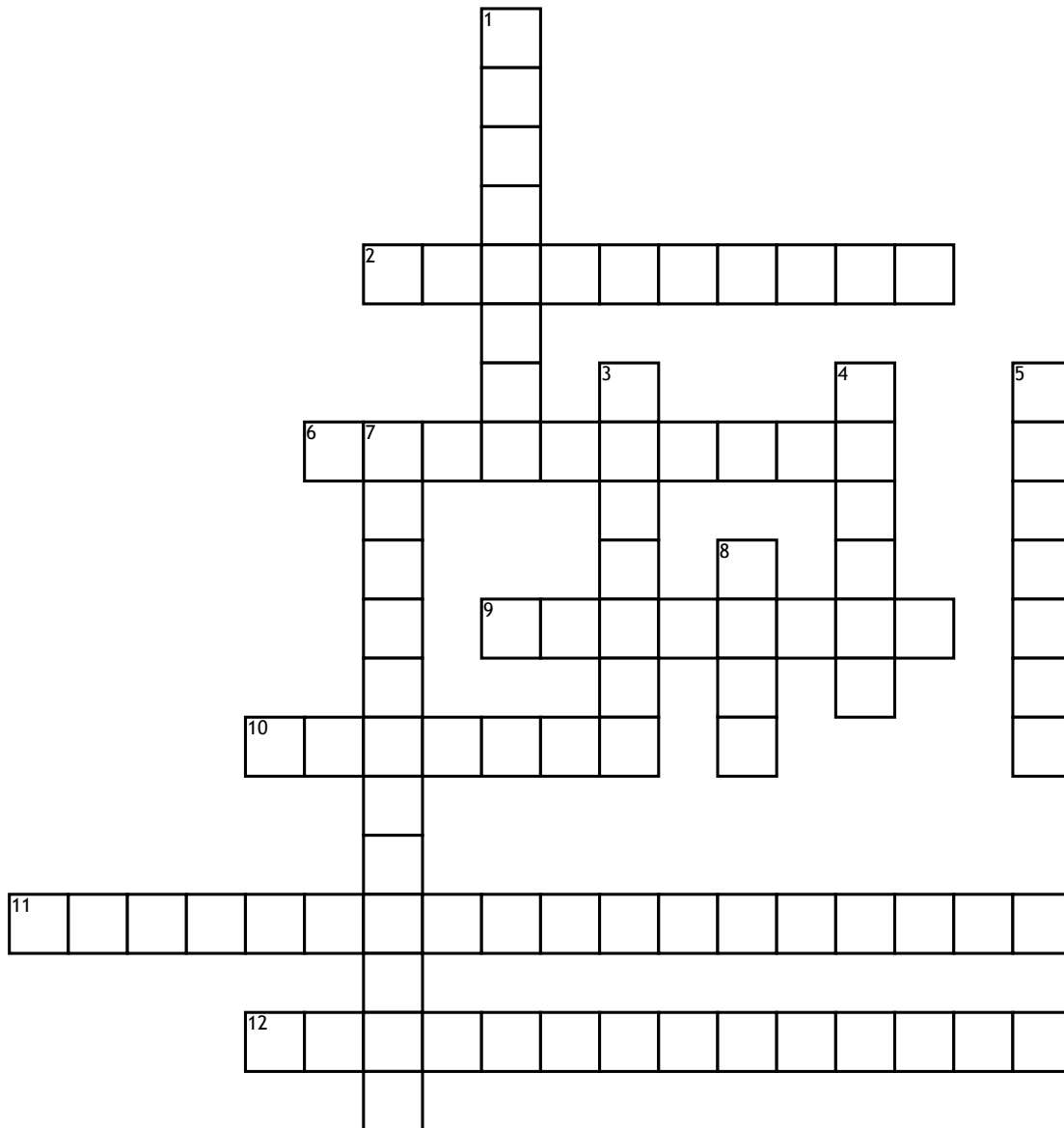


Atomic Structure Vocabulary



Across

2. the average mass of the isotopes of an element
 6. the number of protons plus the number of neutrons in an atom
 9. particle orbiting the nucleus with a negative charge
 10. particle in the nucleus that has no charge

11. particles that make up an atom; consisting of protons, neutrons, and electrons

12. notation of one or two letters

Down

1. atoms of the same element with different number of neutrons
 3. center of an atom that contains protons and neutrons

4. particles in the nucleus with a positive charge

5. substance that cannot be broken down by physical or chemical means

7. the number of protons in an atom

8. smallest particle of an element