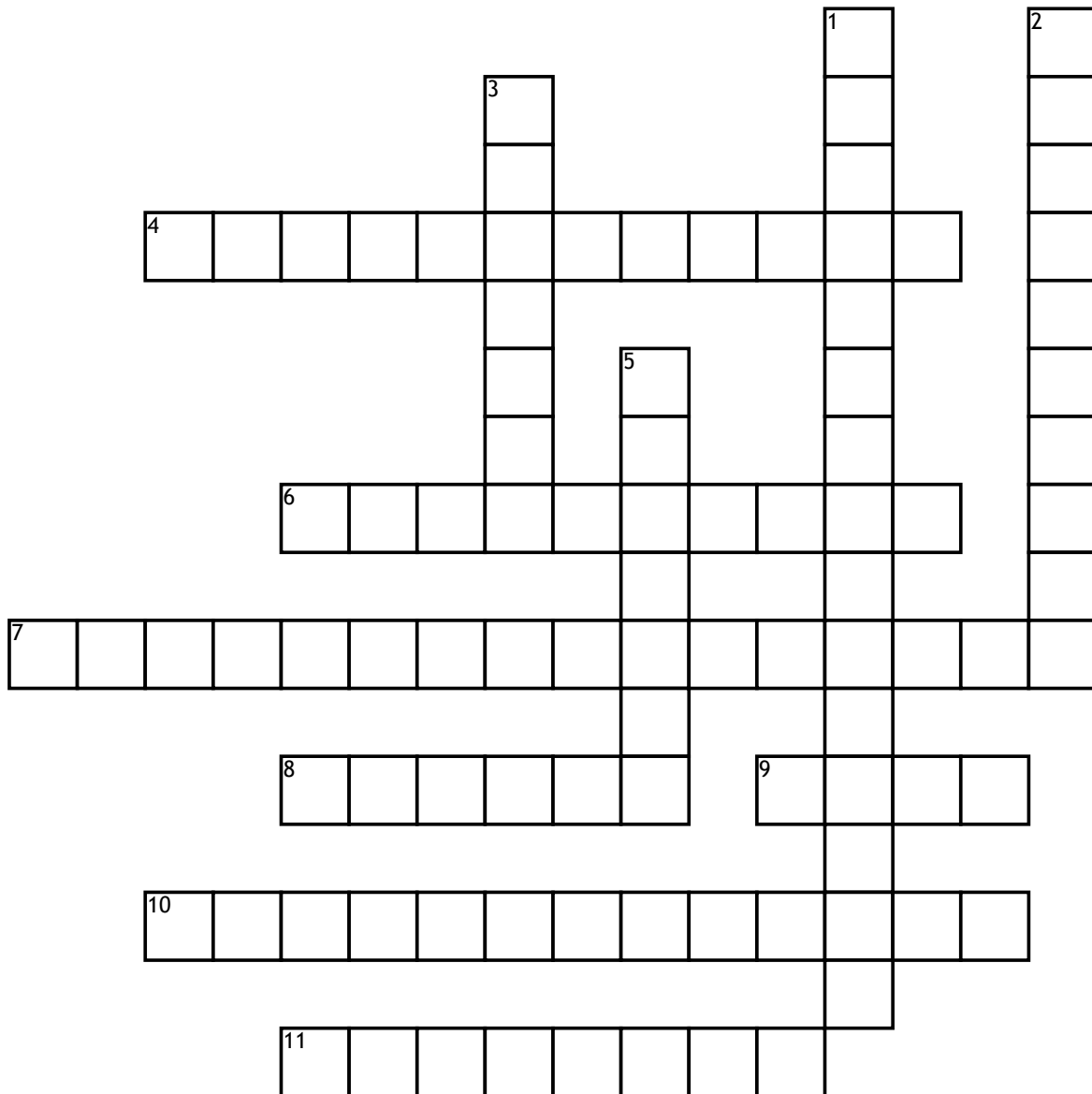


Atom Vocabulary



Across

- 4. The number of protons in the atom of an element
- 6. The sum of the number of protons and neutrons in an atom
- 7. A characteristic or behavior of a substance that may be observed when it undergoes a chemical change or reaction
- 8. A positively charged particle in the nucleus of an atom
- 9. The smallest piece of an element that still represents that element
- 10. The region surrounding an atom's nucleus where one or more electrons are most likely to be found

- 11. A negatively charged particle that occupies the space in an atom outside the nucleus
- Down**

- 1. The outermost electron of an atom that participates in chemical bonding
- 2. The capacity to undergo a chemical reaction with another atom, molecule, or compound
- 3. The region in the center of an atom where most of an atom's mass and positive charge is concentrated
- 5. A neutral particle in the nucleus of an atom