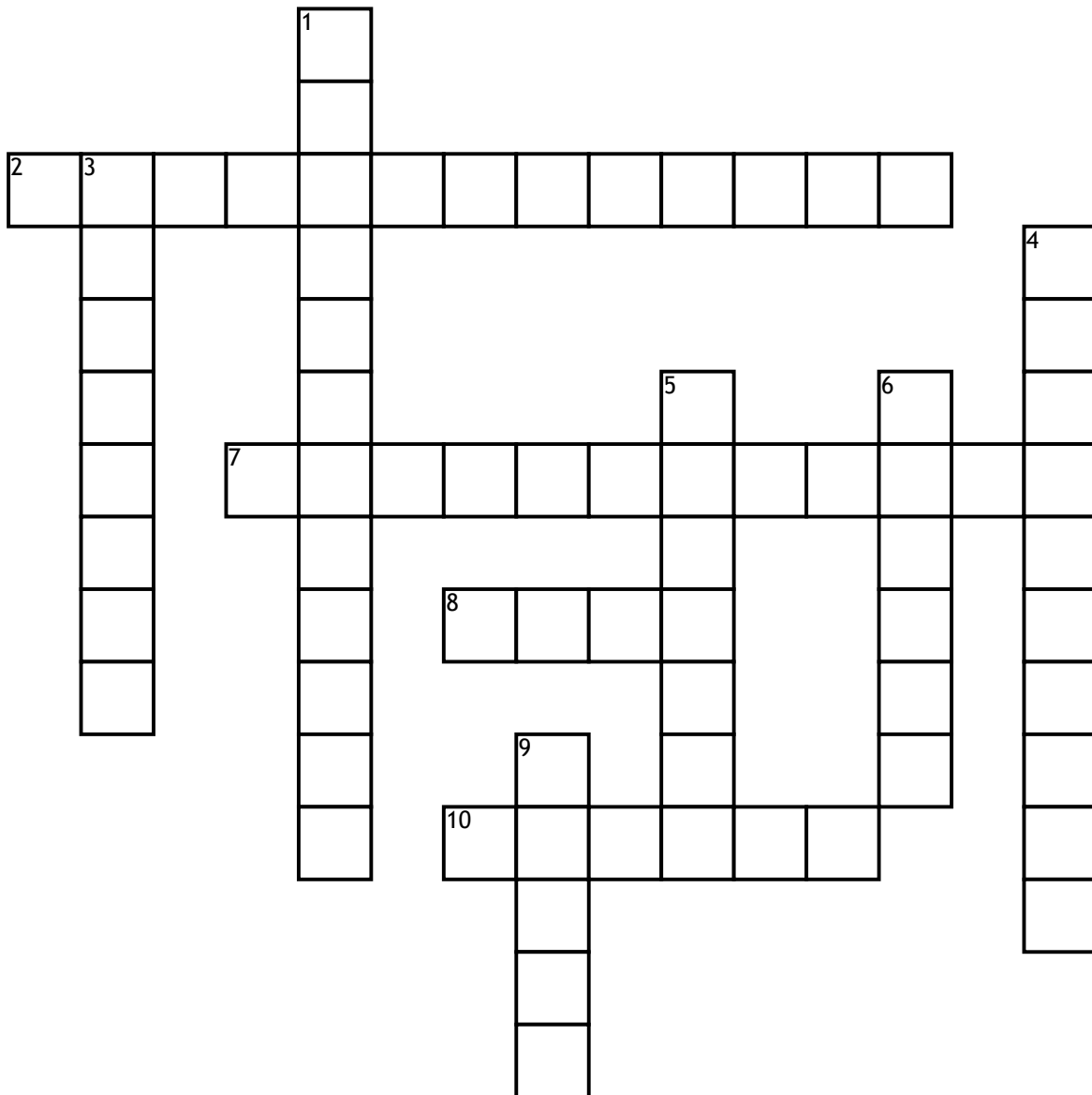


# Chapter Atomic Structure



**Across**

- 2. an arrangement of elements in columns
- 7. the possible energies that electrons in an atom
- 8. smallest particle of an element
- 10. positively charge particles

**Down**

- 1. a number for each element that equals the number of protons

- 3. a negatively charged particle
- 4. the sum of the number of protons and neutrons
- 5. a substance that cannot be broken down
- 6. a row in a periodic table of elements
- 9. a column of elements