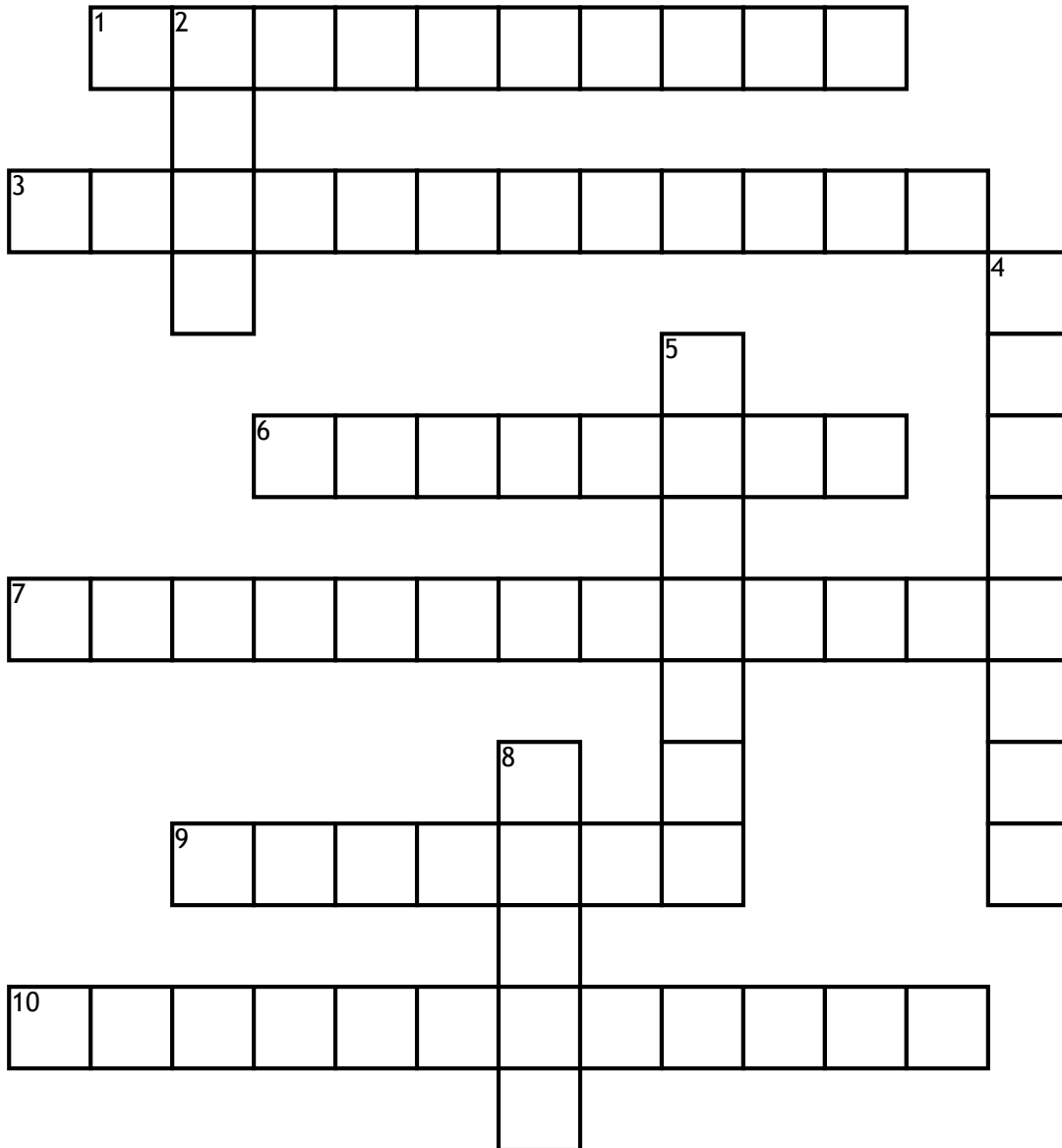


Atoms and the Periodic Table



Across

- 1. what is the sum of the number of protons and neutrons in the nucleus of an atom?
- 3. what is the number of protons in the nucleus of an atom
- 6. what is a subatomic particle that has a negative charge
- 7. what is the arrangement of the elements in order of their atomic numbers?
- 9. what is the atom's central region which is made up of protons and neutrons?

- 10. what is an interaction that holds atoms or ions together

Down

- 2. what is the smallest particle into which an element can be divided and still be the same element?
- 4. what is an element that conducts heat and electricity poorly?
- 5. what is a subatomic particle with a positive charge?
- 8. what is an element that is shiny and that conducts heat and electricity well?