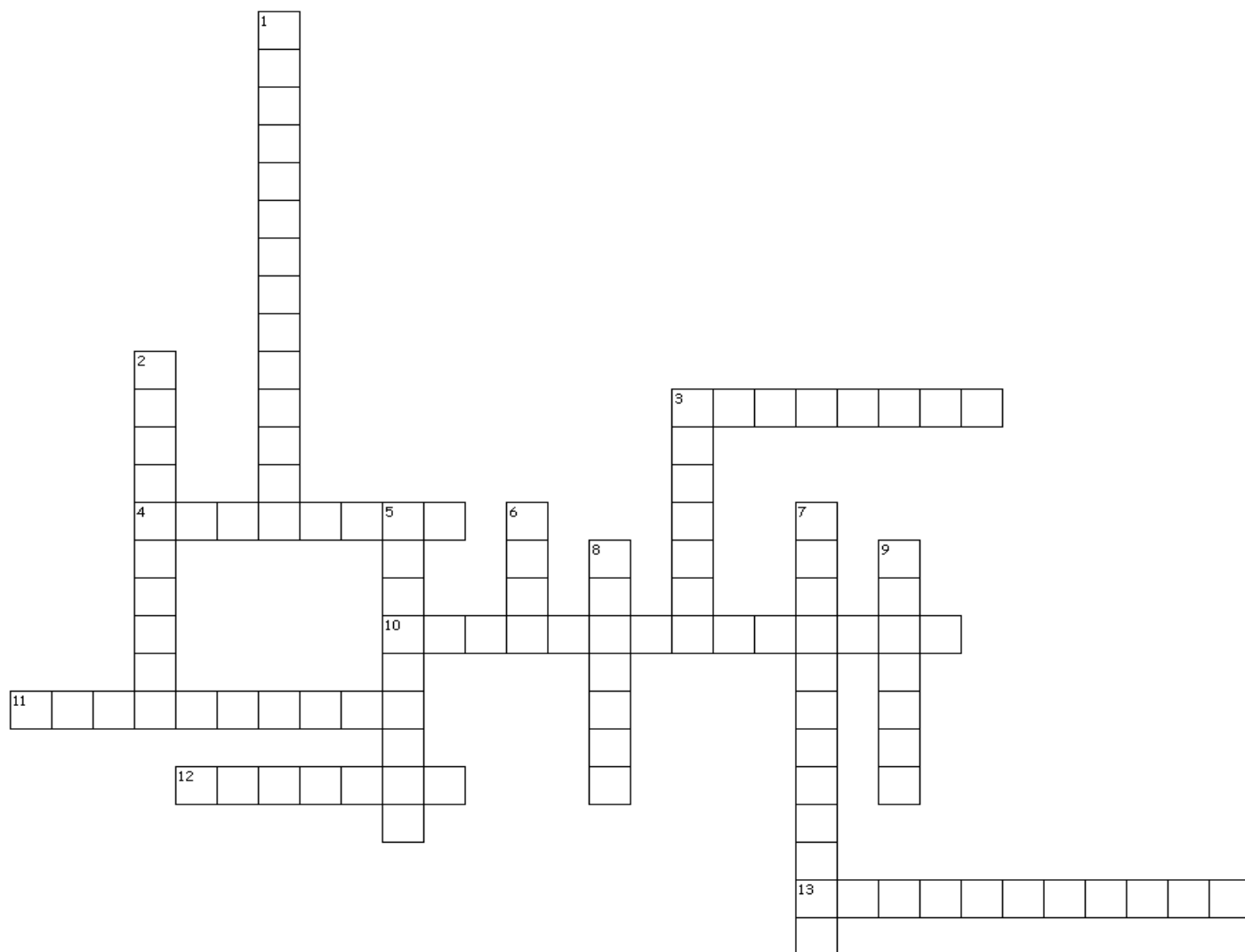


Atoms vocabulary



Across

- 3. subatomic particles in the nucleus of an atom that have no (0) charge
- 4. atoms that have the same number of protons but different number of neutrons
- 10. the one or two letter name of an element in the periodic table
- 11. the sum of protons and neutrons in the nucleus of an atom
- 12. a pure substance that cannot be broken down into simpler substances by any ordinary chemical means
- 13. the specific amount of energy an electron has

Down

- 1. unit of measure that is equal to the mass of one proton
- 2. the average mass of all the isotopes of one element
- 3. having no overall charge
- 5. subatomic particles that move and spin around the nucleus and carry a negative (-) charge
- 6. the basic building block of all matter
- 7. the number of protons in the nucleus of an atom
- 8. center of an atom made of protons and usually, neutrons
- 9. subatomic particles located in the nucleus of an atom and carry a positive (+)