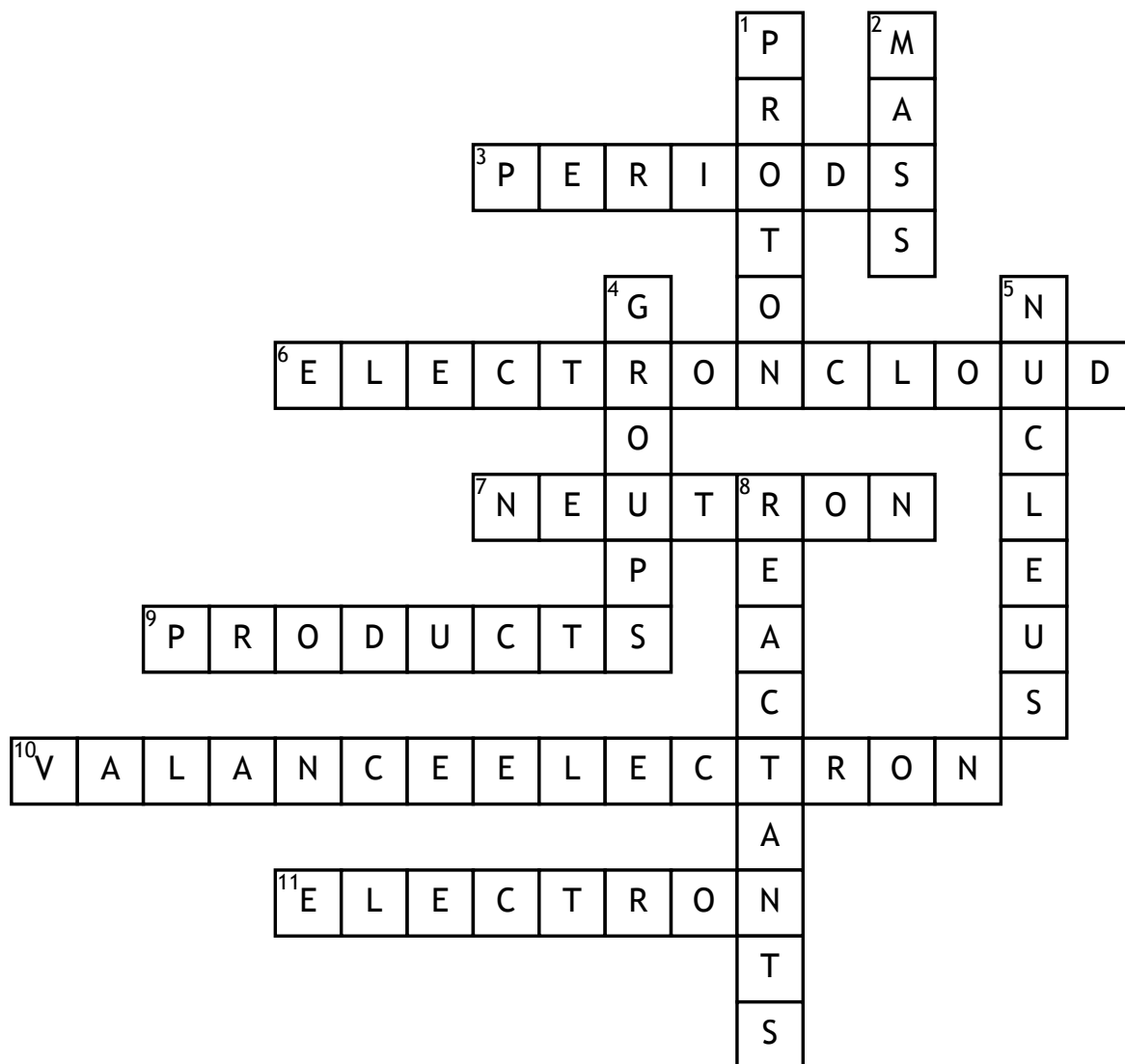


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Matter and Energy Crossword Puzzle



## Across

3. the name given to a horizontal row of the periodic table
6. where electrons are when they go around the nucleus of an atom
7. A particle found in the nucleus of an atom
9. a substance that is formed as the result of a chemical reaction
10. an electron that is associated with an atom, and that can participate in the formation of a chemical bond
11. the smallest of the particles that make up an atom

## Down

1. a stable subatomic particle occurring in all atomic nuclei, with a positive electric charge equal in magnitude to that of an electron, but of opposite sign.
2. a coherent, typically large body of matter with no definite shape
4. a column of elements in the periodic table of the chemical elements
5. the positively charged center of the atom consisting of protons and neutrons
8. a substance that takes part in and undergoes change during a reaction.