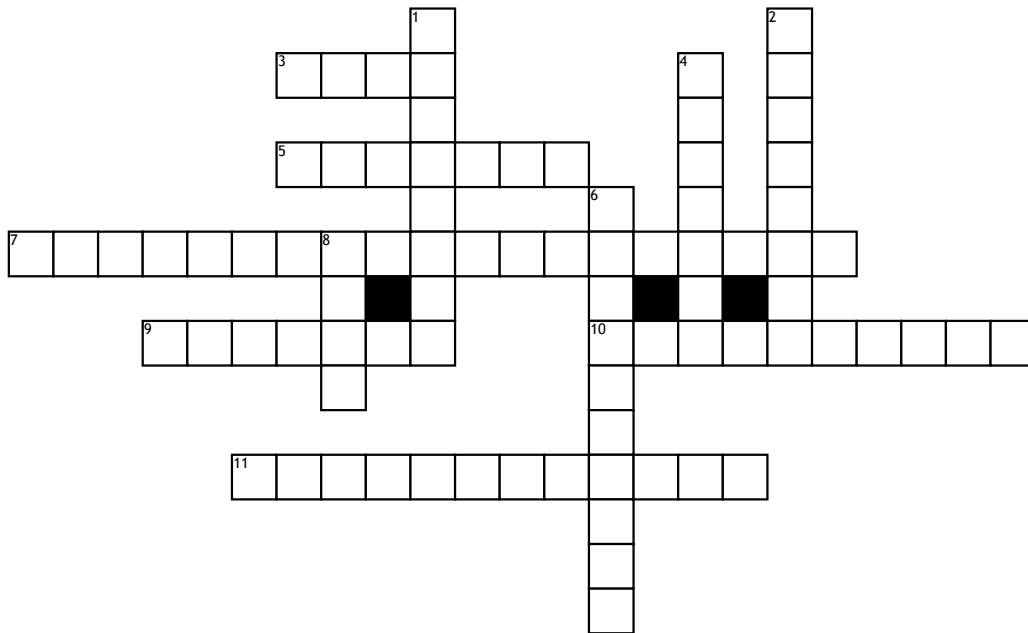


Name: \_\_\_\_\_

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# Atomic Structure



## Across

- 3. the amount of chemical units
- 5. a radioactive form of an element
- 7. the theory that matter consists of individual particles called atoms
- 9. particle occurring in all atomic nuclei with a positive charge
- 10. the total number of neutrons in a nucleus
- 11. the number of protons and electrons in an atom

## Down

- 1. the same mass as a proton but without an electric charge
- 2. particle that has a negative charge
- 4. the central and most important part of an object
- 6. the mass of an atom of a chemical element expressed in atomic mass units
- 8. The smallest component of an element

## Word Bank

mass number

atomic number

nucleus

neutrons

Atom

Dalton's Atomic Theory

isotope

protons

mole

electron

atomic mass