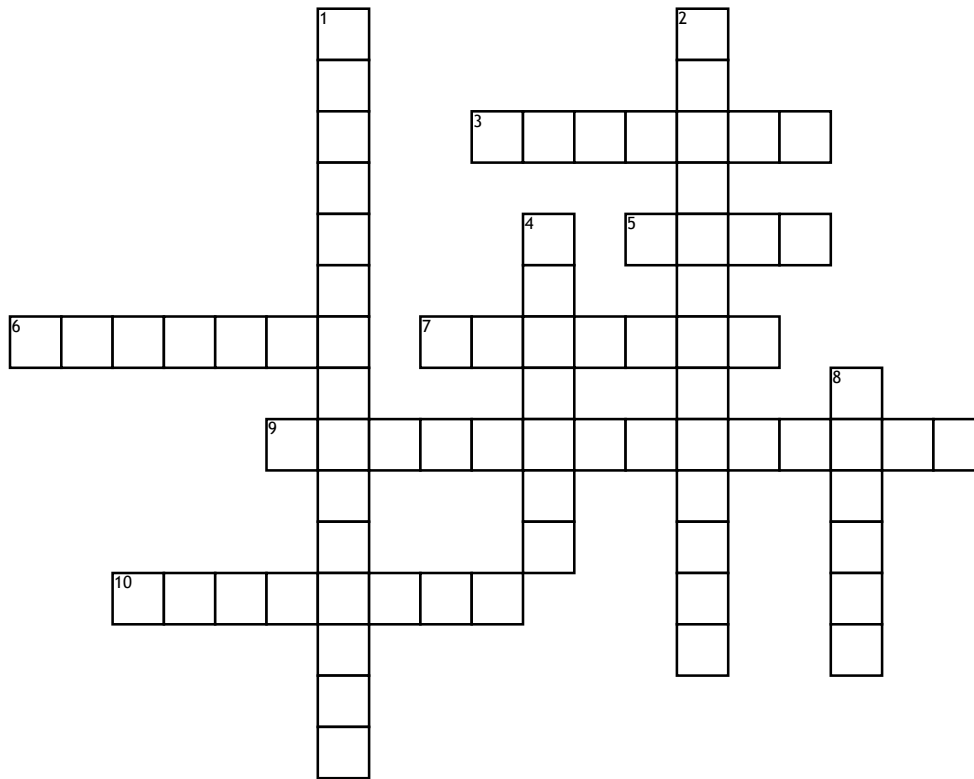


# Atomic Structure



## Across

- 3. center of an atom
- 5. The basic unit of structure
- 6. an atom with the same number of protons and a different number of neutrons from other atoms of the same element
- 7. a subatomic particle that has no charge and that is found in the nucleus of an atom
- 9. a property that causes subatomic particles such as protons and electrons to attract or repel each other

- 10. a subatomic particle that has a negative charge

## Down

- 1. electrons on the outermost energy level of an atom
- 2. a region around the nucleus of an atom where electrons are likely to be found
- 4. an object when it is not positively or negatively charged
- 8. A subatomic particle that has a positive charge and that is found in the nucleus of an atom

## Word Bank

isotope  
neutral  
nucleus

atom  
electric charge  
neutron

electron cloud  
valence electron  
proton  
electron