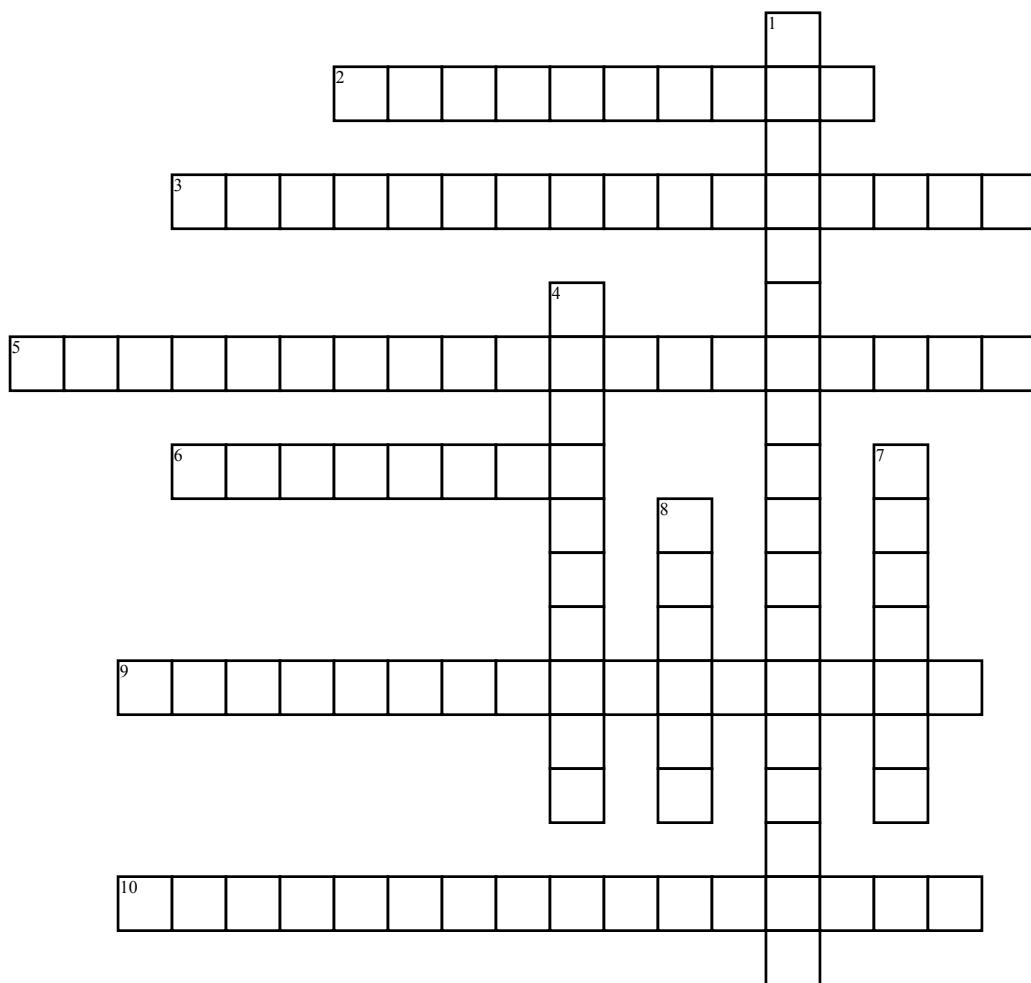


Name: \_\_\_\_\_

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

# Atoms



## Across

2. he said that matter consists only of the four core elements
3. who proposed the electron cloud model
5. this law said to be same elements can combine in different proportions to form different compounds.
6. negatively charged
9. this model suggests that atoms consists of quantized orbits where electrons are found

## Word Bank

plum pudding model    EMPEDOCLES  
john dalton              Erwin Schrödinger  
solar system model    definite proportion

10. this model was proposed by JJ Thomson

## Down

1. a law where compounds combine in a fixed proportion
4. the first scientist to conduct experiment showing that matter consist of tiny particles called atoms
7. it is a tiny dense core of an atom
8. tiny indivisible particles

Multiple Proportions    Atomos  
electron                  nucleus