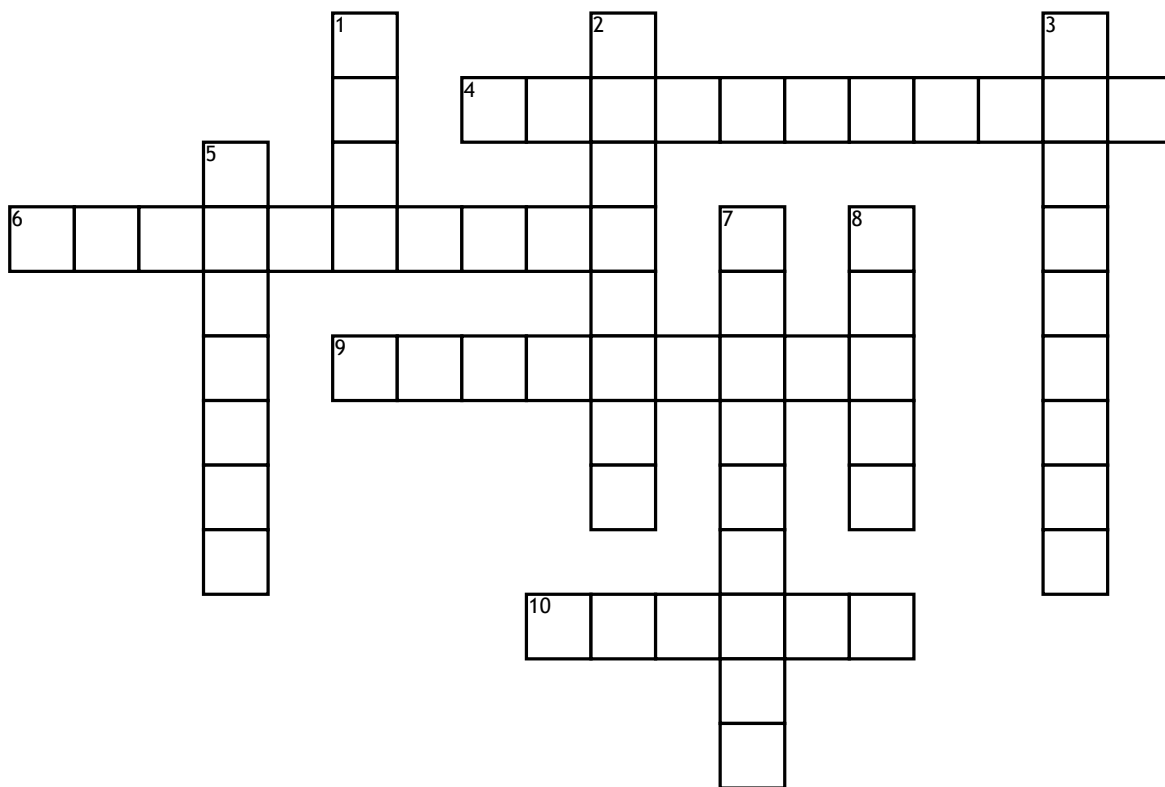


Name: \_\_\_\_\_

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

# Atomic Theory Scientists



## Across

- 4. developed the quantum mechanical model of the atom; mathematical equations to predict likelihood of finding an electron in a certain position
- 6. Gold foil experiment, discovered nucleus
- 9. Law of Conservation of Mass, father of chemistry
- 10. first atomic theory; Atoms are homogeneous, indivisible and indestructible, atoms bond in whole number ratios

## Down

- 1. Developed a model of the atom where the electrons are in specific energy levels or orbits
- 2. Discovered the neutron
- 3. Credited for making the first widely used table of elements.
- 5. Famous for the Plum Pudding model; found the electron
- 7. 350 b.c., said matter was made up of earth, air, fire and water; no such thing as atoms
- 8. female scientist who discovered radiation