

Name \_\_\_\_\_

## Pioneers of the Periodic Table: Early Scientists and the Elements

### Multiple Choice Questions

1. Who is often referred to as the "Father of Modern Chemistry"?

- a) John Dalton
- b) Dmitri Mendeleev
- c) Antoine Lavoisier
- d) Henry Moseley

2. What did John Dalton's atomic theory propose?

- a) Elements are made up of atoms.
- b) Atoms are indivisible and have specific properties.
- c) Elements can be created or destroyed in chemical reactions.
- d) Atoms can combine in any proportion to form compounds.

3. Who is credited with creating the periodic table in 1869?

- a) Antoine Lavoisier
- b) John Dalton
- c) Dmitri Mendeleev
- d) Henry Moseley

4. What concept introduced by Henry Moseley is used to organize elements on the periodic table?

- a) Atomic number
- b) Atomic mass
- c) Chemical reactivity
- d) Electron configuration

5. Marie Curie's pioneering work was primarily related to which field of science?

- a) Meteorology
- b) Geology
- c) Radioactivity
- d) Optics

