

Name _____

The Ever-Expanding Periodic Table: Evolution Over Time

Multiple Choice Questions

1. Who is credited with the initial arrangement of the periodic table based on atomic mass?
 - a) John Dalton
 - b) Dmitri Mendeleev
 - c) Antoine Lavoisier
 - d) Henry Moseley
2. What concept did Dmitri Mendeleev introduce with his periodic table arrangement?
 - a) Atomic number
 - b) Atomic mass
 - c) Periodic law
 - d) Noble gases
3. Why was Henry Moseley's work significant in the evolution of the periodic table?
 - a) He discovered helium.
 - b) He synthesized transuranium elements.
 - c) He reordered the elements based on atomic number.
 - d) He identified the noble gases.
4. What determines the order of elements on the modern periodic table?
 - a) Atomic mass
 - b) Atomic number
 - c) Chemical reactivity
 - d) Periodic law
5. Who played a crucial role in expanding the periodic table to accommodate transuranium elements?
 - a) Antoine Lavoisier
 - b) Dmitri Mendeleev
 - c) Henry Moseley
 - d) Glenn T. Seaborg

