

Name _____

The Puzzle Solvers: Pioneers of the Periodic Table

Short Answer

1. Describe Dmitri Mendeleev's contributions to the development of the periodic table, including the concept of periodic law.
2. Explain the significance of Henry Moseley's proposal regarding the fundamental property determining an element's position on the periodic table.
3. How did Mendeleev organize the elements in his periodic table, and why did he leave gaps for undiscovered elements?
4. Discuss the contributions of Antoine Lavoisier to the field of chemistry and his influence on the development of the periodic table.
5. Describe the role of Marie and Pierre Curie in the discovery of radioactive elements and their impact on our understanding of the periodic table.

