

Name _____

Pioneers of the Periodic Table: Early Scientists and the Elements

Open-Ended Response Questions

1. Compare and contrast the contributions of Antoine Lavoisier and John Dalton to the development of modern chemistry.
2. Analyze the impact of Dmitri Mendeleev's periodic table on the organization and understanding of elements.
3. Discuss the importance of Henry Moseley's work in establishing the concept of atomic number and its role in the periodic table.
4. Explore the challenges and breakthroughs in Marie Curie's research on radioactivity and its applications in the early 20th century.

