

Name _____

The Marvelous Map of Elements: Exploring the Periodic Table

Short Answer Key

1. Elements like chlorine and bromine are in the same group on the periodic table because they have similar properties. They both are highly reactive nonmetals and have similar chemical behaviors.
2. There are currently 118 known elements.
3. The atomic number is unique because it represents the number of protons in an atom of that element, and no two elements have the same number of protons.
4. Without the periodic table, it would be challenging for scientists to organize and study elements systematically, making it harder to advance our understanding of chemistry.
5. Example: Oxygen (Element) - O (Symbol)

