**Name** _____

## What Is The Atomic Number Of An Element?

**Short Answer**

1. What is the atomic number of an element, and why is it important?

2. How can you determine the atomic number of an element from its position in the periodic table?

3. Explain why no two elements have the same atomic number.

4. What does the atomic number represent for each element, and where is it typically found in an element's representation?

5. Provide an example of an element and its atomic number.

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