Name _____

Exploring the Marvelous World of Atoms

Short Answer

1. How many electrons can the innermost electron shell hold?

2. What is the mass number of an atom, and how is it calculated?

3. Define an electrically neutral atom and give an example.

4. Explain what happens when an atom becomes a cation.

5. What is the significance of the valence shell in an atom's chemical behavior?

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