

Name \_\_\_\_\_

## Unlocking the Secrets of Atomic Mass: Why It Matters

### Short Answer

1. Explain what atomic mass represents and why it's essential in chemistry.
2. How is molar mass calculated, and what is its significance in chemical calculations?
3. Describe the organization of the periodic table and how atomic mass is used in it.
4. Why do elements with different atomic masses represent different elements, even if they have the same number of protons?
5. Can you provide an example of how atomic mass has applications beyond chemistry?

