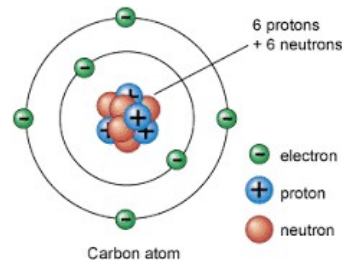


1. Subatomic Particles

Subatomic Particles

In an atom, there are three subatomic particles.

- 1.
- 2.
- 3.



The proton:

- This is found in the _____.
- It has a charge of _____.
- Its mass is _____.
- The _____ represents the number of _____.

Practice! Find the number of protons for the following elements!

- | | | |
|--------------|------------|-----------------|
| 1. Sodium: | 2. Neon: | 3. Einsteinium: |
| 4. Chlorine | 5. Tin: | 6. Platinum |
| 7. Tungsten: | 8. Copper: | 9. Gold: |

The electron:

- This is found in the _____.
- It has a charge of _____. In a neutral atom, the overall charge is _____.
- Example: If an atom has 17 protons, it must have _____ electrons.
- Its mass is _____.

Practice! Find the number of electrons for the following elements!

- | | | |
|-------------|---------------|--------------|
| 1. Silver: | 2. Palladium: | 3. Gallium: |
| 4. Fluorine | 5. Cesium: | 6. Krypton |
| 7. Lead: | 8. Actinium: | 9. Vanadium: |

