

Atomic Structure Worksheet

Name: _____

Date: _____

Fill in the Blanks

1. The three fundamental subatomic particles of an atom are _____, _____, and _____.
2. _____ are positively charged particles found in the nucleus of an atom.
3. _____ are neutral particles that contribute to an atom's mass but have no charge.
4. _____ are negatively charged particles that orbit the nucleus in energy levels.
5. The _____ of an element is equal to the number of protons in its nucleus.
6. The _____ number of an atom is the sum of its protons and neutrons.
7. Electrons are arranged in specific _____ or shells around the nucleus.