

Concept Review

Section: Modern Atomic Theory

1. **Explain** the relationship between electrons, orbitals, and energy levels.

2. **Compare** the positions of the electrons in Bohr's model of the atom with their positions according to modern atomic theory.

3. **Explain** why electrons move from one level to another.

4. **Identify** the maximum number of electrons that each energy level can hold.

_____ a. Level 1

_____ b. Level 2

_____ c. Level 3

_____ d. Level 4

5. **Compare** the four types of orbitals.
