

Name \_\_\_\_\_

**Answer Key: Atomic Models Through History**

1. Democritus proposed the concept of "atomos."
2. Ernest Rutherford's gold foil experiment revealed that atoms have a small, dense nucleus at their center.
3. The Bohr model of the atom depicts electrons orbiting the nucleus in specific energy levels or shells.
4. The electron cloud model describes electrons as existing in regions of probability known as orbitals, rather than fixed orbits like in the Bohr model.
5. True