What are the parts of an atom?

Lesson Review

Complete the following.

1. The first scientist to suggest that atoms contain smaller particles was _____ of England.
2. Positively charged particles are called _____.
3. Bohr proposed that electrons in an atom are found in _____.
4. Negatively charged particles are called _____.
5. Rutherford found that an atom is made up mostly of _____.
6. The center, or core, of an atom is called the _____.
7. Surrounding the core of an atom is a cloud of very small particles called _____.
8. Today, energy levels are used to predict the location of an atom's _____.
9. Neutral particles are called _____.
10. Rutherford found that _____ are located in the core of an atom.

Skill Challenge

***Skills:** comparing, classifying*

Write "Yes" or "No" in the correct columns to identify whether each statement is true for protons, neutrons, and electrons.

	Proton	Neutron	Electron
1. Does not have an electric charge			
2. Found in the nucleus			
3. Positively charged			
4. Moves in energy levels			
5. Negatively charged			