

# 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 in an atom are called \_\_\_\_\_ .
3. Bohr proposed that electrons in an atom are found in specific \_\_\_\_\_ .
4. Negatively charged particles in an atom 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. According to Bohr's model, electrons move around the center of an atom in separate \_\_\_\_\_ ,  
much as the planets move around the Sun.
9. Neutral particles in an atom 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. Has an electric charge			
2. Found in the nucleus			
3. Positively charged			
4. Moves in energy levels			
5. Negatively charged			