

World of Chemistry 6
The Atom
Questions

1. What are the basic components (particles) that make up an atom?
2. What are the two regions of any atom?
3. How does the size of the nucleus compare to the size of an atom?
4. What is the Scanning and Tunneling Electron Microscope (STM) used for?
5. What holds the electrons and the nucleus together?
6. What do unlike charges do?
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8. What are the charges of an
 - a. Electron
 - b. Proton
 - c. Neutron
9. Why is the overall charge of the atom neutral?
10. What did Rutherford's gold foil experiment show?
11. When 2 atoms meet, what parts of the atoms interact?
12. What are some ways that signals from the atom can be used?

