CHAPTER 18.1 Virtual LAB (Pg. 554)
Atomic Structure and Chemical Bonds

Name -

How can you tell which elements form chemical bonds?

Question 1: What are electron energy levels? Where are they located?

Answer 1:

Question 2: What is the maximum number of electrons that can be held in the first electron energy level of an atom? In the second energy level?

Answer 2:

Question 3: Which of the elements you modeled are stable? Why?

Answer 3:

Question 4: If two elements have same number of protons but different number of neutrons can they be atoms of the same element?

Answer 4:

## Atomic Structure and Chemical Bonds

Virtual Lab

Atomic Structure

Will atom form chemical bonds with other atoms?				
Number of Electrons				
Number of Neutrons				
Number of Protons				
Mass				
Atomic				
Symbol				
Atomic Number				
Element Name				
	Element 1	Element 2	Element 3	Element 4