

## Bonding Basics - Covalent Bonds

Name \_\_\_\_\_

Complete the chart for each element.

Element	# of Protons	# of Electrons	# of Valence Electrons	# of Electrons to Fill Outer Shell
Carbon				
Chlorine				
Hydrogen				
Phosphorus				
Oxygen				
Sulfur				
Nitrogen				

Follow your teacher's directions to complete each covalent bond.

(1) Hydrogen + Hydrogen

(2) Hydrogen + Oxygen

(3) Chlorine + Chlorine

(4) Oxygen + Oxygen

(5) Carbon + Oxygen

(6) Carbon + Hydrogen