Na	ame:	Date:
	В	onding Basics- Covalent Bonds
W	hat is a covalent bond?	
1.	Atoms	one or more electrons with each other to form the bond.
2.	Each atom is left with a	outer shell.
3.	A covalent bond forms between	en two
WC	ould form between the following	ds and colored chips create a model of the molecules that elements. Draw a model of the molecule below for each ach molecule in the space provided.
Ex	ample C1: Hydrogen + Chlorin	e Example C2: 2 Hydrogen + Oxygen
Fo	rmula:	Formula:
Ex	ample C3: Chlorine + Chlorine	Example C4: Oxygen + Oxygen
Fo	rmula:	Formula:

Formula:

Formula:

Formula	Formula		
Formula:	Formula:		
Challenge: What are some other covalent bonds that can be formed by the elements you see? Remember that you need two or more nonmetals to make a covalent bond. Write the chemical formula for the compound and its name if you know it.			
Challenge 1:	Challenge 2:		
Formula:	Formula:		
Challenge 3:	Challenge 4:		