

Candy Compounds

NAME _____ HR _____







Complete your key based on the number and colors of gumdrops in your bag. Follow the directions to complete this worksheet.

For each compound, you will need to:

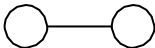
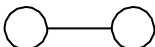
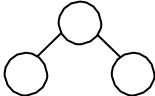
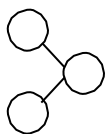
- (1) List the atoms and number of each, (2) Identify the type of bond,
- (3) Make and color the gumdrop model, and
- (4) Draw the bond structure showing the transfer or sharing of electrons.

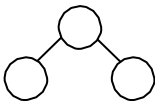
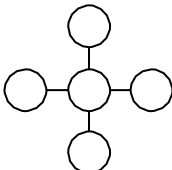
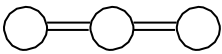
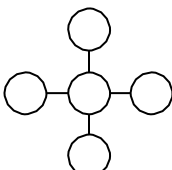
Candy Compounds - Candy Key

Count the number of gumdrops you have for each color and match to the key. Use a crayon or colored pencil to color each gum drop. Match the colors to the numbers!

 4 - Hydrogen	 3 - Chlorine	 2 - Oxygen
 2 - Sodium	 1 - Carbon	 1 - Calcium

Names: _____

Information <small>List the names of the atoms and number of each</small>	Type of Bond <small>Is it ionic or covalent?</small>	Gumdrop Model <small>Make the gumdrop compound and color the diagram.</small>	Dot Structure <small>Show the electron dot diagrams and charges/bonds</small>
H_2			
$NaCl$			
H_2O			
Na_2O			

CaCl_2			
CH_4			
CO_2			
CHCl_3			

What type of bond occurs between a metal and a nonmetal? _____

What type of bond occurs between two nonmetals? _____

