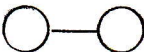

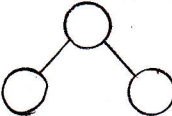
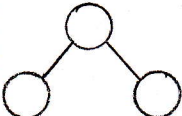
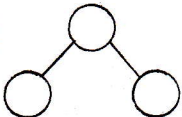
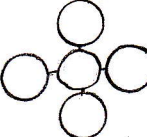
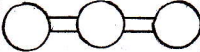
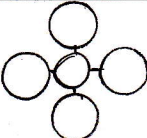


Define the following types of chemical bonding:

1. Ionic bond –
2. Covalent bond –
3. Metallic bond –
4. Hydrogen bond –

Chemical Symbol	Name & Number of each element present	State whether each atom is a metal or non-metal	Type of Bond	Gum Drop Model (use the candy colors)	Chemical Formula	Formula Mass
H <sub>2</sub>						
NaCl						
H <sub>2</sub> O						
Fe <sub>3</sub>						
CaCl <sub>2</sub>						
CH <sub>4</sub>						
CO <sub>2</sub>						
CHCl <sub>3</sub>						

1. What type of bond occurs between a metal and a non-metal? \_\_\_\_\_
2. What type of bond occurs between two non-metals? \_\_\_\_\_
3. What type of bond occurs between two or more metals? \_\_\_\_\_

Elements	Individual Lewis Dot Structure	Individual Lewis Dot Structure	Combined Lewis Dot Structure	Chemical Formula	Formula Mass
Na + I					
Mg + Br					
N + F					
K + C					
P + F					
C + Cl					
N + Li					