Name:	Phusi 4 Practice 1			
	LE 5.7	Content (bonding)		

1. Represent an atom of **Sodium (Na)** and an atom of **Chlorine (Cl)** and the bonding between them.

	1. type of atom: (metal / nonmetal?)	2. type of atom:	3. type of bond:	
Shell Box Diagram	4.	5.	8.	
She	6. sodium atom "wants" to share/gain/lose $\underline{}$ e^{-}	7. chlorine atom "wants" to share/gain/losee		
Lewis Dot Diagram				
In <u>each</u> diagram above, (atom, atom, bonded) indicate which electrons are shared or transferred (using a highlighter would be nice)				
Simplified Lewis Dot (n/a for ionic)				

2. Represent an atom of **Hydrogen (H)** and an atom of **Fluorine (F)** and the bonding between them.

	1. type of atom:	2. type of atom:	3. type of bond:		
m K	4.	5.			
iagra					
Shell Box Diagram			8.		
lell B		7.0			
S	6. hydrogen atom "wants" to share/gain/lose e-	7. fluorine atom "wants" to share/gain/lose e			
o c					
Lewis Dot Diagram					
Lev					
In each diagram above, (atom, atom, bonded) indicate which electrons are shared or transferred					
(using a highlighter would be nice)					
ied Dot					
Simplified Lewis Dot (n/a for ionic)					
Sir Le					

3. Represent an atom of Chlorine	(CI)	and an atom of Chlorine	(CI	and the honding l	netween them
3. Represent an atom of chiorme	101	i and an atom of childrine	ľ	i and the bonding i	Jetween then.

	1. type of atom:	2. type of atom:	3. type of bond:	
Shell Box Diagram	4.	5.	8.	
She	6. chlorine atom "wants" to share/gain/losee	7. chlorine atom "wants" to share/gain/losee		
Lewis Dot Diagram				
In <u>each</u> diagram above, (atom, atom, bonded) indicate which electrons are shared or transferred (using a highlighter would be nice)				
Simplified Lewis Dot (n/a for ionic)				

4. Represent an atom of **Magnesium (Mg)**, an atom of **Oxygen (O)** and the bonding between them.

	1. type of atom:	2. type of atom:	3. type of bond:	
Shell Box Diagram	4.	5.	8.	
She	6. magnesium atom "wants" to share/gain/lose $\underline{\qquad} e^{-}$	7. oxygen atom "wants" to share/gain/losee		
Lewis Dot Diagram				
In <u>each</u> diagram above, (atom, atom, bonded) indicate which electrons are shared or transferred (using a highlighter would be nice)				
Simplified Lewis Dot (n/a for ionic)				