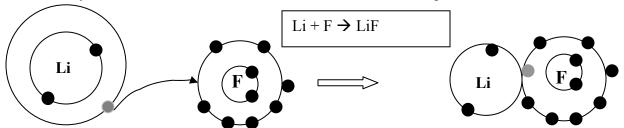
Tonic Bonding Worksheet

For each pair of elements below draw an atomic diagram showing electrons in different energy levels. Draw arrows to show where the outer electrons will go during a chemical reaction, then draw the resulting compound. Finally, fill in the table below each reaction. Refer to the sample shown.



Atoms

Valence electrons

Electron transfer from/to each atom

Ions formed in the product

Li F

Reactions	Atoms	Valence	Electron transfer	Ions formed
	1101115	electrons	from/to each atom	in the product
1) Li + Cl => LiCl				
$2) Ca + O \Rightarrow CaO$				
$3) Be + F \Rightarrow BeF_2$				
A)M + C > M C				
$4) Mg + S \Rightarrow MgS$				
5) K + F => KF				
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Reactions	Atoms	Valence	Electron transfer from/to each atom	Ions formed in the product
6) Al + Cl => AlCl ₃		Ciccions	romy to cach atom	in the product
7) $Na + O \Rightarrow Na_2O$				
8) Li + N =				
9) Mg + F=				
10) Na + F =>				
10) 144 + 1 =>				
11) Al + O =>				
12) Li + O =>				
13) K + S =>				
14) Mg + O =>				
- ·/ -·- o				