

## Formative Chemical Bonding Assignment

	Chemical Name	Chemical Formula	Lewis Dot Diagram (hint: Ionic? Covalent?)	State the Bond Type(s). Calculate $\Delta eN$	Draw and name the correct 3-D shape (only for molecular)
1	tribromomethane	$\text{CHBr}_3$			
2	chlorine				
3		$\text{K}_2\text{O}$			
4	methanol	$\text{CH}_3\text{OH}$			
5		$\text{O}_2$			
6	nitrogen trifluoride				
7	hydrazine (rocket fuel)	$\text{N}_2\text{H}_4$			

8	iron(III) oxide				
9		$\text{H}_2\text{O}_2$			
10	ethane	$\text{C}_2\text{H}_6$			
11	ethanol				
12	ethyne (acetylene)	$\text{C}_2\text{H}_2$			
13	methanal	$\text{H}_2\text{CO}$			
14	magnesium sulfide				
15	tetrafluoroethene	$\text{C}_2\text{F}_2$			
16	hydrogen acetate	$\text{CH}_3\text{COOH}$			