

New Chemistry 2202 **Worksheet 5 Molecular compounds (& mixed)**

1. Just molecular compounds

	<b>molecular compound name</b>	<b>Formula</b>
1		$\text{CBr}_4$
2	Trisulfur octafluoride	
3		$\text{P}_2\text{H}_6$
4	Tetracarbon decahydride	
5		$\text{Cl}_2$
6	ethanol	
7		$\text{P}_4$
8	methane	
9		$\text{S}_8$
10	sucrose	
11		$\text{P}_2\text{I}_4$
12	Pentaboron hexaselenide	
13		$\text{S}_6\text{Cl}_4$
14	Heptasilicon monosulfide	
15		$\text{C}_2\text{O}_2$

2. Mixed ionic & molecular compounds

	<b>compound name</b>	<b>Type of compound? (IC or MC)</b>	<b>Formula</b>
1	Lithium silicate trihydrate		
2			$\text{Si}_8\text{Br}_{10}$
3	Hydrogen peroxide		
4			$\text{Sc}_2(\text{S}_2\text{O}_3)_3 \bullet 9\text{H}_2\text{O}$
5	Ammonium permanganate		
6			$\text{Tl}(\text{CN})_3$
7	Difluorine monoxide		
8			$\text{N}_3\text{F}_6$
9	Polonium(II) hydroxide monohydrate		
10			$\text{SiI}_3$
11	Tin(IV) hydrogen sulfite dihydrate		
12			$\text{H}_2\text{S} (???)$

