

Name \_\_\_\_\_

Date \_\_\_\_\_

## GRCI CHEMISTRY

Nomenclature  
Molecular Elements  
and  
Molecular Compounds

	Formula	Description for interest only	Name
1.	CCl <sub>4</sub>	toxic cleaning fluid	
2.		78% of air	nitrogen
3.		21% of air	oxygen
4.	CO <sub>2</sub>	0.035% of air	
5.	NO	in automobile exhaust	
6.	NO <sub>2</sub>	Los Angeles type smog	
7.		London type smog	sulphur dioxide
8.	SO <sub>3</sub>	air pollutant - makes sulphuric acid	
9.		colourless, odourless poison	carbon monoxide
10.		in upper atmosphere	ozone
11.		grain alcohol, ethyl alcohol	ethanol
12.		table sugar	sucrose
13.		yellow solid in group VI	sulphur
14.	P <sub>4</sub> O <sub>10</sub>	oxides formed by combustion of the element phosphorus	
15.	P <sub>4</sub> O <sub>8</sub>		
16.		chlorination of water	chlorine dioxide
17.		methyl alcohol, methyl hydrate	methanol
18.		spontaneously combusts in air	phosphorus
19.		a cleaner when dissolved in water	ammonia
20.	CH <sub>4</sub>	natural gas	
21.	HCl	a gas - makes hydrochloric acid	
22.		laughing gas	dinitrogen oxide
23.		dissolves in alcohol	iodine
24.	H <sub>2</sub> O	the most common solvent	

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Date \_\_\_\_\_

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Nomenclature  
Molecular Compounds

	Molecular Formula	Name
1.	Si <sub>2</sub> Br <sub>6</sub>	
2.		tetraphosphorus hexaoxide
3.		selenium disulphide
4.	BrCl	
5.	As <sub>2</sub> Se <sub>5</sub>	
6.	N <sub>2</sub> H <sub>5</sub>	
7.		iodine heptafluoride
8.		dinitrogen tetraoxide
9.	P <sub>4</sub> S <sub>10</sub>	
10.	S <sub>2</sub> O <sub>7</sub>	
11.		diboron nonaoxide
12.		selenium dicarbide
13.		phosphorus trifluoride
14.	Br <sub>3</sub> O <sub>8</sub>	
15.	As <sub>3</sub> P <sub>6</sub>	
16.	B <sub>2</sub> S <sub>5</sub>	
17.	CS <sub>2</sub>	
18.		phosphorus pentafluoride
19.		selenium tetrafluoride
20.	B <sub>4</sub> H <sub>9</sub>	