

# Determining the Type of Cmpd Worksheet

Identify the type of bond ("I" for Ionic and "C" for covalent) and name the following cmpds.

#	Chemical Formula	Type of Bond	Chemical Name
1	NaCl		
2	AlN		
3	Mn <sub>2</sub> CO <sub>3</sub>		
4	H <sub>2</sub> O		
5	Fe(OH) <sub>3</sub>		
6	Na <sub>3</sub> P		
7	HgO		
8	CO <sub>2</sub>		
9	MgBr <sub>2</sub>		
10	(NH <sub>4</sub> ) <sub>3</sub> PO <sub>4</sub>		
11	Fe <sub>2</sub> O		
12	P <sub>2</sub> O <sub>3</sub>		
13	Be(ClO <sub>2</sub> ) <sub>2</sub>		
14	KOH		
15	PbS		
16	N <sub>3</sub> F <sub>4</sub>		
17	Ca <sub>3</sub> N <sub>2</sub>		
18	Zn <sub>3</sub> (PO <sub>4</sub> ) <sub>4</sub>		
19	P <sub>6</sub> Cl <sub>3</sub>		
20	Sn(CO <sub>3</sub> ) <sub>2</sub>		
21	K <sub>3</sub> P		
22	K <sub>3</sub> PO <sub>4</sub>		
23	Au <sub>2</sub> (SO <sub>4</sub> ) <sub>5</sub>		

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Identify the type of bond ("I" for Ionic and "C" for covalent) and give the chemical formula for the following cmpds.

#	Chemical Name	Type of Bond	Chemical Formula
1	Sodium carbonate		
2	Dinitrogen pentachloride		
3	Ammonium phosphate		
4	Calcium perchlorate		
5	Triphosphorus dioxide		
6	Iron (III) oxide		
7	Potassium sulfite		
8	Ammonium chloride		
9	Hexasulfur tetraphosphide		
10	Gold (IV) nitride		
11	Phosphorus hexoxide		
12	Silver (I) Chlorate		
13	Mercury (III) bromate		
14	Potassium phosphide		
15	Nickel (V) arsenate		
16	Hydrogen Peroxide		
17	Dicarbon trisulfide		
18	Beryllium nitride		
19	Tin (II) sulfate		
20	Tin (III) sulfide		
21	Trisulfur monobromide		
22	Silver (VI) phosphate		
23	Ammonium carbonate		