

**KEY**

	Name of substance	Representative particle name (molecule, formula unit, atom)?	Formula (remember, you MUST include charges on ions!)
1.	Carbon dioxide	molecule	$CO_2$
2.	Strontium nitrate	FU	$Sr^{2+}(NO_3^{-})_2$
3.	Calcium fluoride	FU	$Ca^{2+}F_2^{-}$
4.	Magnesium phosphate	FU	$Mg^{2+}(PO_4^{3-})_2$
5.	Dinitrogen pentoxide	molecule	$N_2O_5$
6.	Oxygen	molecule	$O_2$
7.	Magnesium	atom	Mg
8.	Aluminum oxide	FU	$Al_2^{3+}O_3^{2-}$
9.	Ammonium nitrite	FU	$NH_4^{+}NO_2^{-}$
10.	Sodium hydroxide	FU	$Na^{+}OH^{-}$
11.	Iron (III) phosphate	FU	$Fe^{3+}PO_4^{3-}$
12.	Iron (II) nitrate	FU	$Fe^{2+}(NO_3^{-})_2$
13.	Rubidium bromide	FU	$Rb^{+}Br^{-}$
14.	Silicon dioxide	molecule	$SiO_2$
15.	Sulfur monoxide	molecule	SO
16.	Lithium sulfite	FU	$Li^{+}SO_3^{2-}$
17.	Manganese (IV) phosphite	FU	$Mn^{4+}(PO_3^{3-})_4$
18.	Beryllium acetate	FU	$Be^{2+}(C_2H_3O_2^{-})_2$
19.	Strontium sulfide	FU	$Sr^{2+}S^{2-}$
20.	Silver nitrate	FU	$Ag^{+}NO_3^{-}$
21.	Copper (I) nitrite	FU	$Cu^{+}NO_2^{-}$
22.	Aluminum carbonate	FU	$Al_2^{3+}(CO_3^{2-})_3$
23.	Sodium sulfate	FU	$Na_2^{+}SO_4^{2-}$
24.	Magnesium cyanide	FU	$Mg^{2+}(CN^{-})_2$
25.	Iron	atom	Fe
26.	Lithium acetate	FU	$Li^{+}C_2H_3O_2^{-}$
27.	Potassium permanganate	FU	$K^{+}MnO_4^{-}$
28.	Fluorine	molecule	$F_2$
29.	Carbon monoxide	molecule	CO
30.	Diphosphorus pentoxide	molecule	$P_2O_5$

Remember Ag is always +1