

Preliminary Quiz Va

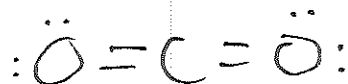
Convert these names to formulas. Fill out the chart.

Name	Ionic or Covalent (I or C)	Write ions from ion sheet (or indicate "no ions")	Formula
1. magnesium chlorate	I	$Mg^{+2} ClO_3^{-1}$ Magnesium chlorate	$Mg(ClO_3)_2$
2. lead (IV) sulfate	I	$Pb^{+4} SO_4^{-2}$ →	$Pb(SO_4)_2$
3. phosphorus hexachloride	C	NO IONS	PCl_6

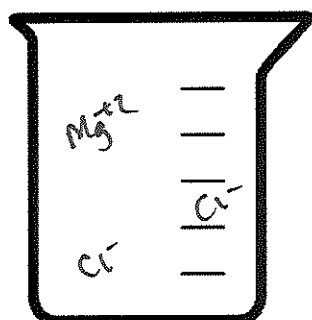
Convert these formulas to names. Fill out the chart.

Formula	Ionic or Covalent (I or C)	Write ions from ion sheet (or indicate "no ions")	Name
4. KOH	I	$K^+ + OH^-$	Potassium Hydroxide
5. SO_2	C	NO IONS	Sulfur dioxide
6. Fe_3P_2 $Fe^{+2} P^{-3}$	I	$Fe^{+2} P^{-3}$	Iron (II) Phosphide
7. CO	C	NO IONS	Carbon monoxide

Draw a Lewis Structure for carbon ^{dioxide} ~~monoxide~~



In the beaker draw a solution of $MgCl_2$



In the beaker draw a solution of CO_2

