

# Bonding Breakout - Naming Challenge

The following are questions Naming Challenge Google Form

## Name to Formula:

1	Aluminum Chloride	$\text{AlCl}_3$	$\text{Al}_3\text{Cl}$	$\text{AlCl}$
2	Iron (II) Chloride	$\text{FeCl}_2$	$\text{Fe}_2\text{Cl}_2$	$\text{FeCl}$
3	Carbon Tetrachloride	$\text{CCl}_4$	$\text{CCl}$	$\text{C}_4\text{Cl}$
4	Barium Hydroxide	$\text{Ba}(\text{OH})_2$	$\text{BaOH}_2$	$\text{Ba}_2\text{OH}$
5	Lead (IV) Sulfate	$\text{Pb}(\text{SO}_4)_2$	$\text{Pb}_4(\text{SO}_4)_2$	$\text{PbSO}_4$

## Formula to Name:

6	$\text{LiF}$	Lithium Fluoride	Lithium (I) Fluoride	Lithium Monofluoride
7	$\text{Co}_2\text{O}_3$	Cobalt (III) Oxide	Cobalt (II) Oxide	Dicobalt Trioxide
8	$\text{ClO}_2$	Chlorine Dioxide	Chlorine Oxide	Monochlorine Dioxide
9	$\text{Al}(\text{CN})_3$	Aluminum Cyanide	Aluminum (III) Cyanide	Aluminum Carbon Nitride
10	$\text{Cr}(\text{OH})_3$	Chromium (III) Hydroxide	Chromium Hydroxide	Chromium Oxygen Hydride

## When correct, this is the confirmation message:

"Can you feel the **MERCURY** rising? It's time to **IRON** out all of the kinks and keep working persistently through thick and **TIN**. Set the example and others will follow your **LEAD!**"