



# RAY'S RULES

name → formula

How do I write a formula for an ionic compound containing a Polyatomic Ion starting with its name?

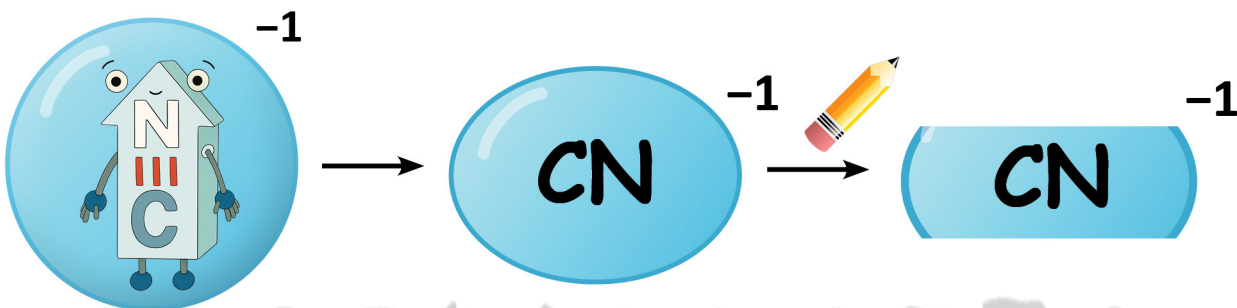
Example: potassium nitrate

Step	Action
1. Write the symbol and charge for the metal.	$K^{+1}$
2. Look to see if there is a Polyatomic Ion in the name. Write the formula and charge for the Polyatomic Ion.	$(NO_3)^{-1}$
3. Use "Zero is Our Hero" to determine the formula.	$\begin{array}{r} K^{+1} \qquad (NO_3)^{-1} \\ +1 \qquad \qquad -1 \\ \hline \qquad \qquad \qquad =0 \end{array}$



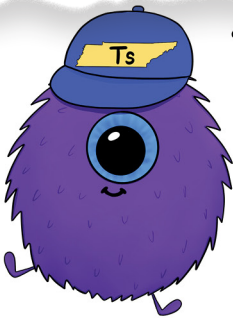
# POPPI'S PUZZLES

Write the formula, in parentheses, of each to the polyatomics shown. (Cyanide is done as an example.)

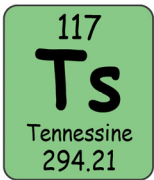


## TELL ME MORE!

Hi! I'm Tell-Me-More-Tenessine....or Tenny for short. I'm here to tell you more about all the behind-the-scenes stuff mentioned in this case.



Tenny



1. Tell Me More.....about The Colors in Van Gogh's paintings



Although The Starry Night is arguably Van Gogh's most famous



# GRANNY'S GAMES

## RECIPE FOR BLUE SOUP

