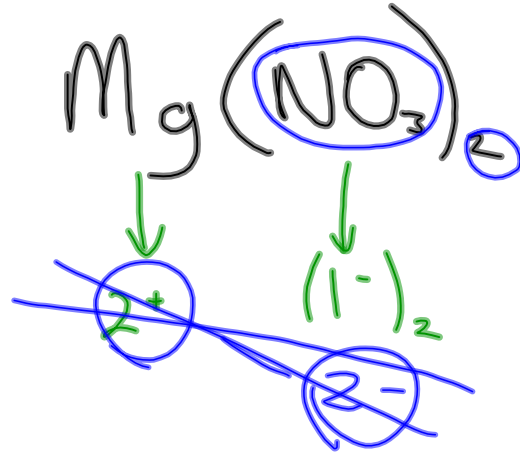
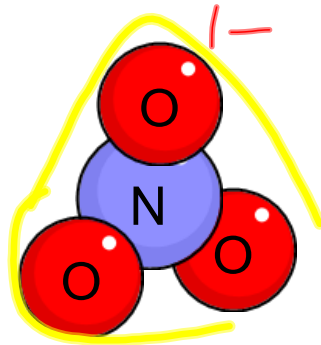


## Naming Compounds with Polyatomic Ions

-polyatomic simply means the ions have more than one atom

Example; nitrate is  $\text{NO}_3^{1-}$

See Table 2  
P. 196



Oct 19-8:21 PM

**What is the chemical formula for sodium and the sulfate ion?**

1) Write the symbols for the metal and the polyatomic group.



2) Write the ionic charges



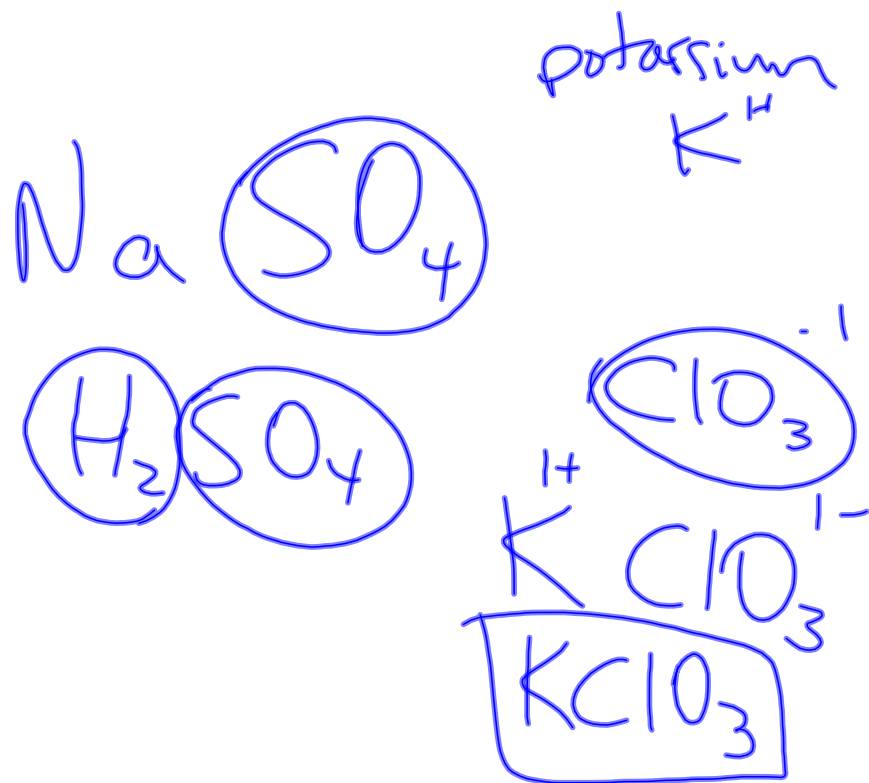
3) Choose the number of ions needed to balance the charges

Criss-Cross?



4) Write the formula using subscripts

Oct 19-8:28 PM



Feb 29-9:01 AM



Feb 29-9:09 AM