

# Binary Ionic Compounds

Ionic Compounds are formed between: \_\_\_\_\_ and \_\_\_\_\_.

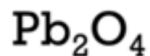
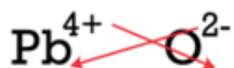
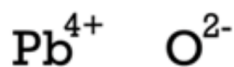
The bond is held together by...

-the end result of an ionic attraction is a \_\_\_\_\_ compound – the charges

## Naming Ionic Compounds

1.

2.



## Special Things to Consider with naming:

1) If both elements are in tall columns, then the name

2) Most transition metals take \_\_\_\_\_  
 → They get a

Naming Practice	Cation	Anion	Symbol	Name
			ZnCl <sub>2</sub>	
	Fe <sup>3+</sup>	O <sup>2-</sup>		
				Iron(II) sulfide
			CoP	
				Calcium fluoride
	Mg <sup>2+</sup>	O <sup>2-</sup>		
				Tin(IV) sulfide
			RbBr	
	Hg <sub>2</sub> <sup>2+</sup>	I <sup>-</sup>		
		Cr <sub>3</sub> P <sub>2</sub>		