



Sodium  
ion  
Na<sup>+</sup>



Potassium  
ion  
K<sup>+</sup>



Sodium  
ion  
Na<sup>+</sup>



Rubidium  
ion  
Rb<sup>+</sup>



Sodium  
ion  
Na<sup>+</sup>



Lithium  
ion  
Li<sup>+</sup>



Potassium  
ion  
K<sup>+</sup>



Cesium  
ion  
Cs<sup>+</sup>



Potassium  
ion  
K<sup>+</sup>



Cesium  
ion  
Cs<sup>+</sup>



Rubidium  
ion  
Rb<sup>+</sup>



Rubidium  
ion  
Rb<sup>+</sup>



Lithium  
ion  
Li<sup>+</sup>

Iodide

— I<sup>-</sup>



Iodide

— I<sup>-</sup>



Fluoride

— F<sup>-</sup>



Iodide

— I<sup>-</sup>



Bromide

—



Fluoride

— F<sup>-</sup>



Cesium ion  
Cs<sup>+</sup>



+

Bromide

— Br<sup>-</sup>



Fluoride

— F<sup>-</sup>



Lithium ion  
Li<sup>+</sup>



+

Bromide

— Br<sup>-</sup>



Chloride

— Cl<sup>-</sup>



Chloride

— Cl<sup>-</sup>



Chloride

— Cl<sup>-</sup>





Barium  
ion  
 $\text{Ba}^{2+}$



Calcium  
ion  
 $\text{Ca}^{2+}$



Magnesium  
ion  
 $\text{Mg}^{2+}$



Strontium  
ion  
 $\text{Sr}^{2+}$



Oxide

$\text{O}^{2-}$



Sulfide

$\text{S}^{2-}$



 <p>Aluminum ion <math>Al^{3+}</math></p>	+	—
	+	<p>Nitride <math>N^{3-}</math></p> 
	+	—

—
<p>Phosphide <math>P^{3-}</math></p> 
—

 <p>Ammonium ion <math>NH_4^+</math></p>	+	<p>Chlorate <math>ClO_3^-</math></p> 
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—
<p>Carbonate <math>CO_3^{2-}</math></p> 

 <p>Ammonium ion <math>NH_4^+</math></p>	+	<p>Chlorate <math>ClO_3^-</math></p> 
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POLYATOMIC IONS  
for EXTENSION

**POLYATOMIC IONS  
for EXTENSION**

**Ammonium ion**  
  
 $\text{NH}_4^+$

**+**

**Hydroxide**  
 $\text{OH}^-$

**-**



**Hydroxide**  
 $\text{OH}^-$

**-**



**Copper (II) ion**  
  
 $\text{Cu}^{2+}$

**+**

**+**

**Sulfate**  
 $\text{SO}_4^{2-}$

**-**



**Iron (III) ion**  
  
 $\text{Fe}^{3+}$

**+**

**+**

**+**

**Phosphate**  
 $\text{PO}_4^{3-}$

**-**

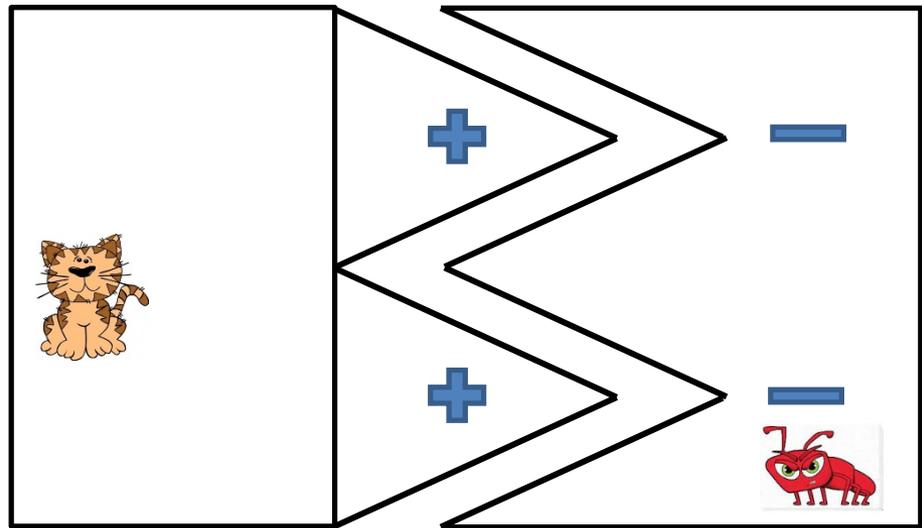
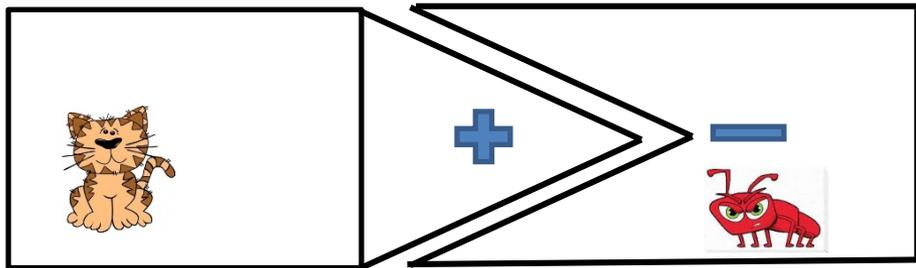
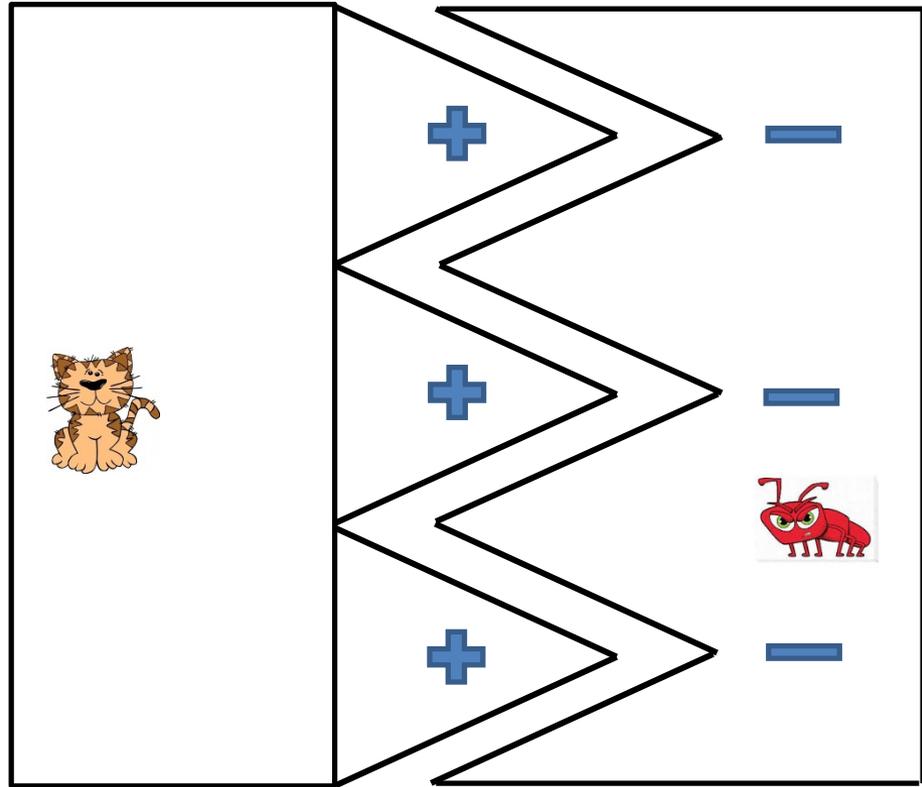
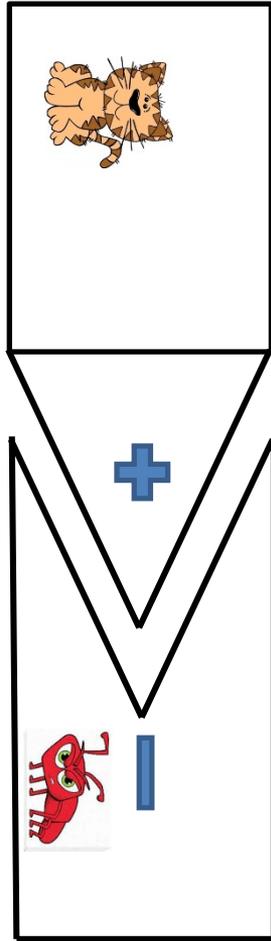
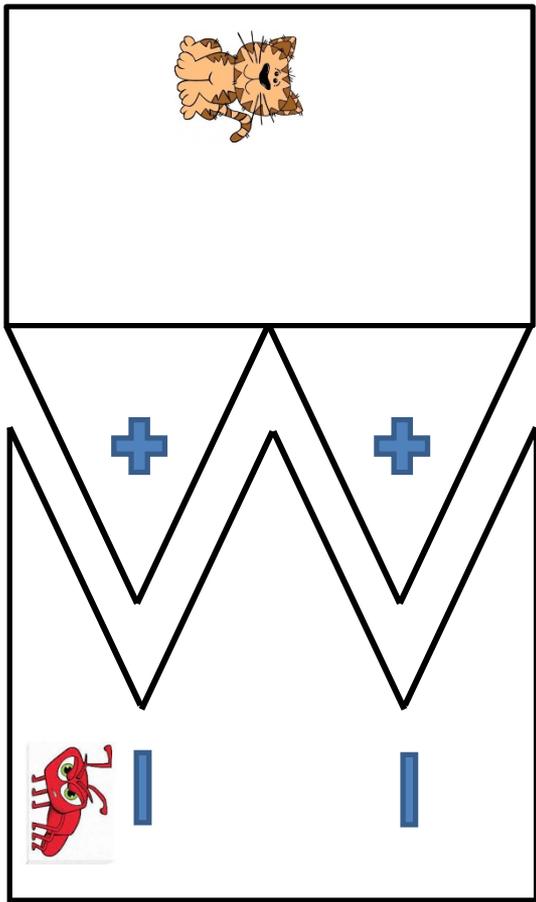


**-**

**Ammonium ion**  
 $\text{NH}_4^+$   


**+**

**POLYVALENT IONS  
for EXTENSION**



**BLANKS to WRITE IN your OWN IONS**