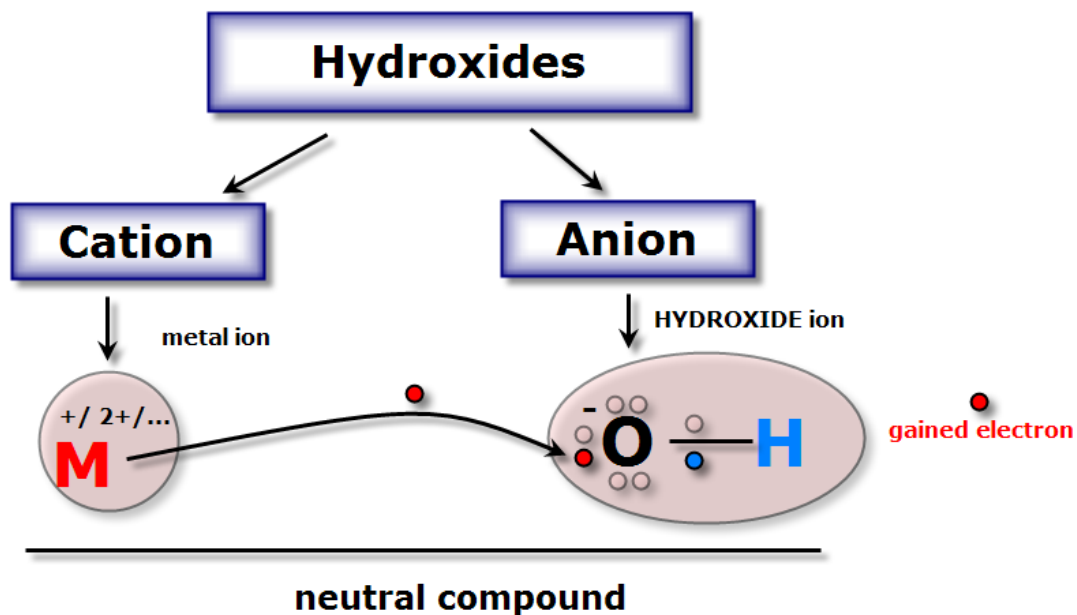


<b>Topic:</b>	<b>HYDROXIDES</b>
<b>Objective:</b>	<b>FK_04_01</b>
<b>Given</b> some compounds and elements <b>the student must be capable of doing the following:</b> <ul style="list-style-type: none"> <li>• write the formulas</li> <li>• write the names</li> <li>• write the Lewis structures</li> </ul>	

**Definition and types**

An hydroxide is a chemical compound containing hydroxide ions and metals.



**Examples**

Formula	Structure	Name
NaOH		sodium hydroxide
Mg(OH) <sub>2</sub>		magnesium hydroxide
Fe(OH) <sub>3</sub>		iron(III) hydroxide

**Exercises**

Formula	Structure	Name
<b>KOH</b>		
		calcium hydroxide
<b>Pb(OH)<sub>2</sub></b>		
		aluminum hydroxide
<b>AgOH</b>		
		copper(II) hydroxide
<b>Fe(OH)<sub>3</sub></b>		