

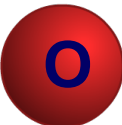


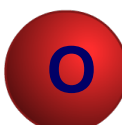
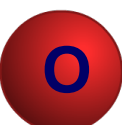
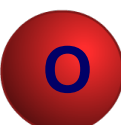
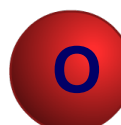

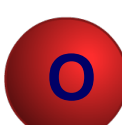
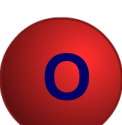
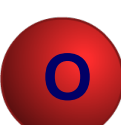

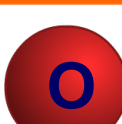
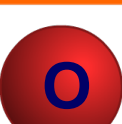
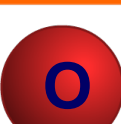

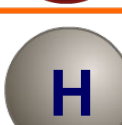



Compound Ions



What is a compound ion?

Ions can be made up of a single atom or a group of atoms. An ion made up of a group of atoms is called a **compound ion**.

What atoms are present in the following compound ions?

Ion	Formula	Charge	Atoms present
hydroxide	OH^-	-1	 
sulfate	SO_4^{2-}	-2	    
nitrate	NO_3^-	-1	   
carbonate	CO_3^{2-}	-2	   
ammonium	NH_4^+	+1	    

Comparing positive and negative ions



What is the ionic formula?

What is the formula for each ionic compound?

Symbol	Li	NO ₃
Ion charge	1+	1-
Balance the number of ions	1 lithium ion is needed for each nitrate ion	
Ratio of ions	1 : 1	
Formula	?	



Formula 1 of 4



solve

