

Forming Ions

Element – Standard Atomic Notation	Bohr diagram of neutral atom (name the atom)	Bohr diagram of ion (name the ion)	Calculation of ion's charge
Positive Ions (from Metals)			
Li			$p^{+1} =$
$p^{+1} =$			$+$
$e^{-1} =$			$e^{-1} =$
$n^0 =$			_____
Be			$p^{+1} =$
$p^{+1} =$			$+$
$e^{-1} =$			$e^{-1} =$
$n^0 =$			_____
B			$p^{+1} =$
$p^{+1} =$			$+$
$e^{-1} =$			$e^{-1} =$
$n^0 =$			_____
Negative Ions (from Non-metals)			
N			$p^{+1} =$
$p^{+1} =$			$+$
$e^{-1} =$			$e^{-1} =$
$n^0 =$			_____
O			$p^{+1} =$
$p^{+1} =$			$+$
$e^{-1} =$			$e^{-1} =$
$n^0 =$			_____
F			$p^{+1} =$
$p^{+1} =$			$+$
$e^{-1} =$			$e^{-1} =$
$n^0 =$			_____