

CHEM 101

Worksheet: atoms/ions - electron configuration/Lewis dot

Draw the electron configuration and Lewis dot structures for each of the following:

Atom/ion	Electron configuration	Lewis dot structure
Example: Na	$1s^2 2s^2 2p^6 3s^1$	Na $\cdot$
Example: Na $^+$	$1s^2 2s^2 2p^6$	Na $^+$
F		
F $^-$		
K		
K $^+$		
O		
O $^{2-}$		
Mg		
Mg $^{+2}$		