

# Electron Configuration Exit Quiz – Teacher Edition

1. Explain what  $3p^6$  means
  
2. Give the electron notation for the following two elements:
  - a. Boron
  
  - b. Aluminium
  
3. Name the elements represented by the following notations:
  - a.  $1s^2 2s^2 2p^5$
  
  - b.  $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2$

## Electron Configuration Exit Quiz – Teacher Edition

1. Explain what  $3p^6$  means

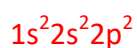
3 is the electron shell

p is the type of orbital

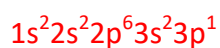
6 is the number of electrons contained in the orbital

2. Give the electron notation for the following two elements:

a. Boron



b. Aluminium



3. Name the elements represented by the following notations:

a.  $1s^2 2s^2 2p^5$

Fluorine

b.  $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2$

Calcium