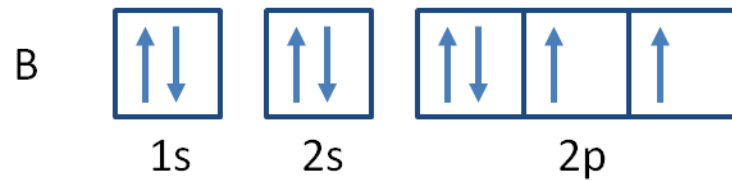
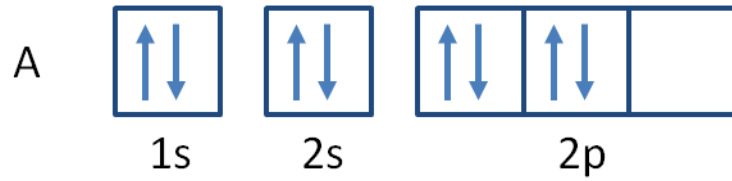


# Electron Configuration Exit Quiz – Student Edition

1. Which of the following is the correct way to fill the orbital diagram for oxygen



Justify your answer.

2. Magnesium has the notation  $1s^2 2s^2 2p^6 3s^2$ . Complete the orbital diagram below.



3. Fluorine has the notation  $1s^2 2s^2 2p^5$ . Complete the orbital diagram below.



4. Chlorine has the notation  $1s^2 2s^2 2p^6 3s^2 3p^5$ . Complete the orbital diagram below.

