

1.1 Exercise 3 - electronic configuration

Write the electronic configuration of the following using the arrow and box method:

1. C
2. Cu
3. Mg^+

Write the electronic configuration of the following using the orbital method:

4. N^{3-}
5. Ar
6. Sc^{3+}
7. Mn^{2+}
8. Fe^{3+}
9. V^{3+}

Write the electronic configuration of the following using the shorthand arrow and box method:

10. Cl^-
11. Fe
12. Br

Write the electronic configuration of the following using the shorthand orbital method:

13. Cr
14. Ga^{3+}
15. Pb^{2+}