

Write electron configurations for the following:

1. Oxygen (O) $1s^2 2s^2 2p^4$
2. Iodine (I) $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^2 4d^{10} 5p^5$
3. Neon (Ne) $1s^2 2s^2 2p^6$
4. Scandium (Sc) $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^1$
5. Krypton (Kr) $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6$
6. Strontium (Sr) $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^2$
7. Chromium (Cr) $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^4$
8. Nickel (Ni) $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^8$
9. Molybdenum (Mo) $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^2 4d^4$
10. Fluorine (F) $1s^2 2s^2 2p^5$
11. Iron (Fe) $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^6$
12. Rubidium (Rb) $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^1$
13. Selenium (Se) $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^4$
14. Antimony (Sb) $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^2 4d^{10} 5p^3$
15. Xenon (Xe) $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^2 4d^{10} 5p^6$