

Answers to problems in page 108 and 110

47. $1s^2 2s^2 2p^6 3s^2 3p^6 3d^8 4s^2$

48. $1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^2$

49. 6

50. 9

79. $1s^2 2s^2 2p^6 3s^2 3p^3$

80. $1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^5$