

Name: _____

Date: _____

Electron Configuration

Write the orbital notations and complete electron configurations for atoms of the following element:

1) Beryllium

2) Aluminum

3) Nitrogen

4) Calcium

What elements are represented by each of the following electron configurations?

1) $1s^2 2s^2$

2) $1s^2 2s^2 2p^6$

3) $1s^2 2s^2 2p^6 3s^2$

4) $1s^2 2s^2 2p^5$

Use noble gas notation to describe the electron configurations of the elements represented by the following symbols:

1) Mn

2) Ca

3) P

4) Zn