

Orbitals and Configurations

Name: _____

Part 1: Draw an orbital diagram for the electron distribution in the following atoms:

1) sodium

2) sulfur

3) nickel

Part 2: Use electron configuration notation to write the following atoms' electronic structures:

4) rhodium

5) xenon

6) uranium

7) calcium

8) europium

9) titanium

Orbitals and Configurations

Name: _____

Part 1: Draw an orbital diagram for the electron distribution in the following atoms:

1) carbon

2) potassium

3) germanium

Part 2: Use electron configuration notation to write the following atoms' electronic structures:

4) indium

5) chlorine

6) bismuth

7) cobalt

8) dysprosium

9) selenium