

## ***Orbital Box Diagrams and Electron Configurations Part 1***

1. *An atom has 8 electrons. Write an orbital box diagram. Identify the element.*

2. *Write an orbital box diagram for Chlorine.*

3. *Write an orbital box diagram for Fe. Write the electron configuration for Fe.*

4. *Write the Noble Gas Core configuration for iodine.*

5. *Write an orbital box diagram for the valence electrons of bromine.*