**Electronic Configuration**

**of Atoms and Ions Worksheet**

Write the electronic configuration of the following atoms:

He:

P:

Kr:

Ni:

Ag:

Write the electronic configuration of the following ions:

Al3+:

Mo3:

Fe2+:

Os2-:

Au+:

Write the atom and/or ion(s) with the following electronic configuration:

[Ar] 3d9:

1s22s23s23p6:

[Kr] 5s13d5:

[Ar] 3d5:

[Ne] 3s23p2:

[Kr] 4d10: