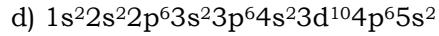
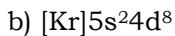
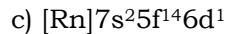
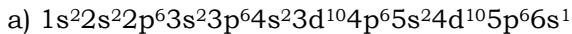


## Electron Configurations 2

Name: \_\_\_\_\_

1) Determine the element from the electron configurations:



2) Write the electron configuration for the following atoms:

a) tungsten

b) silicon

c) cerium

3) Write the electron configuration for the following ions:



4) Using the shortcut for electron configuration notation, write the following atoms' electronic structures:

a) radon

c) plutonium

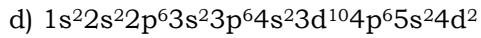
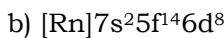
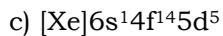
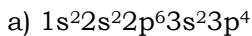
b) barium

d) palladium

## Electron Configurations 2

Name: \_\_\_\_\_

1) Determine the element from the electron configurations:



2) Write the electron configuration for the following atoms:

a) potassium

b) tantalum

c) selenium

3) Write the electron configuration for the following ions:



4) Using the shortcut for electron configuration notation, write the following atoms' electronic structures:

a) platinum

c) francium

b) samarium

d) polonium