

CHEMISTRY  
HOMEWORK 4a.

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

**1. Write the *s,p,d,f* electron notation for each of the following:**

strontium

platinum

californium

europium

**2. Write the electron configuration for the most stable ion formed by each of these elements:**

S

Br

Rb

Ba

I

**3. Write electron configurations for each of these ions:**

$\text{Mg}^{2+}$

$\text{S}^{2-}$

$\text{Al}^{3+}$

$\text{P}^{3-}$

$\text{Fe}^{2+}$

$\text{Fe}^{3+}$

$\text{Co}^{3+}$

$\text{Pb}^{2+}$