

CHEMISTRY
HOMEWORK 4b.

Name: _____

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

platinum

californium

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

S

Br

Ba

3. Find the number of moles in 125.5 g of strontium acetate

4. Write the Lewis dot structures of each of these atoms:

sulfur

bromine

oxygen

phosphorus

chlorine

silicon

5. On the reverse side, write the Lewis dot structures of each of the following:

O₂

Cl₂

CO₂

CCl₄

PH₃