

Notes 02/13

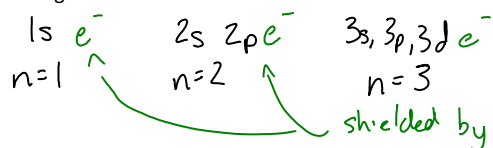
Wednesday, February 13, 2008
10:01 AM

Midterm Fri 2/15

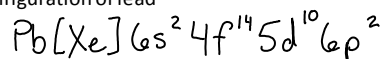
6pm Young Hall 2200 Review Session

1. Reasonable formula or not
2. Compound - symmetry & point group
3. MO diagram
4. Ionic sizes/lattice energy
5. Drawing compounds
6. Molecular solids
7. Bonus question

Electron Shielding:

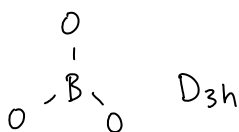


Electron configuration of lead

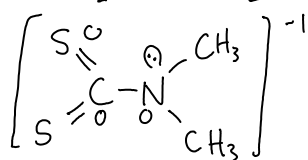


Angles between bonds - don't need

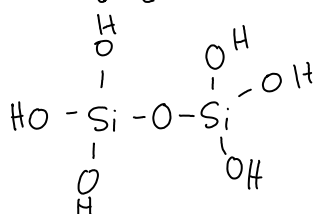
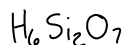
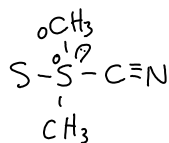
Symmetry:



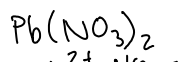
Structures: $S_2CN(CH_3)_2^{-1}$

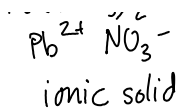


$CSNS(CH_3)_2^{-1}$



Molecular solids:





Molecular Orbital: O_3^-
Homotriatomic molecule

