What can we can do about chapter 8? I want you to read through the entire chapter, but I realize there is an incredible amount of material. So, here is what I am holding students responsible for:

1) Read carefully through the “focal points” on pages 264-265. Make sure that you understand all of those points by the time you are “finished” with this chapter.

2) Read carefully pages 265 through page 269.

3) Under “The Ferro-Alloy Metals” (beginning on page 269), read carefully the entire section on chromium.

4) Under “The Base Metals”, read carefully from the bottom of page 280 through the entire section on copper (ends in middle of page 290).

5) Also concentrate on the text section about the additional metal that you are “assigned” below. You will be our class expert on that metal. Think about the “issues” (physical properties, uses, geological occurrences, health effects, etc.) that are covered for those 3 metals (chromium, copper, “your” element); consider both the similarities and differences among those metals.

6) Focus on Figs. 8.1, 8.2, 8.4, 8.5, 8.6, 8.10, 8.13, 8.15, 8.16, 8.21, 8.23, 8.24, 8.28, 8.34, 8.35, 8.36; Table 8.1, 8.2; Boxes 8.1, 8.2, 8.3, 8.4. Be able to look at each of the above figures, explain what is being represented by the figure, and explain (interpret) why it is pertinent to our discussions of scarce elements.

Your assigned metal for next class:

Au (gold): David, Garrett, Chris
Pb (lead): Lilly, Mingwei
Zn (zinc): Matt H., Maia
Sn (tin): Lauren, Matt L.
Cd (cadmium): Nick, Victor

For the above assignment, just prepare a few sentences of useful/interesting information to say in class (no PowerPoints). For references, use your text, the Web, and the site WebElements (http://www.webelements.com/index.html). See the attached hand-out to determine what information to read on the latter site.