7th grade (blue book) 3.3 Reading Guide (p.84-88)

1. What are groups 3-12 on the periodic table called? (p.84)
2. What are most transition elements found combined with? (p.84)
3. What three elements are called the coinage elements? Why are they called this? (p. 85)
4. Why are the coinage elements often found uncombined in nature? (p.85)
5. What are the elements that make up the iron triad? (p. 84)
6. How do the elements in the iron triad differ from other transition metals? (p. 84)
7. What are the filaments in the light bulb shown on page 86 made of? Why?
8. Why are the lanthanides also called rare earth metals? (p.87)
9. What is one use for elements in the lanthanide group? (p. 87-88)
10. What are the only three actinides found naturally on earth? Why? Where do the other actinide elements come from? (p. 88)
11. What is the major difference between the lanthanides and the actinides? (p.87-88)