**Ions Review**

1. Go to the class website ([www.scienceperks.weebly.com](http://www.scienceperks.weebly.com))

2. Take notes on the Lesson PowerPoints for Topic 5 (Periodic Table) and Topic 6 (Reactivity).

3. Complete the “Ion Practice Handout”

4. Watch the following video: <http://www.youtube.com/watch?v=900dXBWgx3Y>

5. Complete the following:

Draw the electronic structure for the following ions. Please include which noble gas each one is similar to and whether it is an anion or cation. Use the same electronic structure as shown on the youtube video you watched about ions.

1. Feᶾ⁺

Draw:

Noble gas:

Anion/cation?

1. Ba²⁺

Draw:

Noble gas:

Anion/cation?

1. Ag⁺

Draw:

Noble gas:

Anion/cation?

1. Nᶾˉ (nitride)

Draw:

Noble gas:

Anion/cation?

6. Turn in all work (notes, this sheet, and the Ion Handout) to the class box (where you normally turn things in). If you have time remaining, you may work on finishing your Periodic Table Webquest, or work on the Adopt and Element Project.