**Atom Quiz Fri 10/2/15** Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Per\_\_\_

When done, bring it up and check the key at the front desk.

Glue the corrected quiz into your notebook. It will be part of a future notebook check.

1. What are the ?
2. What are the ?
3. What are the ?
4. What charge does this atom currently have?
5. This atom is currently unstable. How do you know?
6. What must happen for the atom to become stable?
7. What charge will this have once stable?
8. Which particle determines what element the atom is?
9. Which particle changes in an isotope?

 10. What are the outer most electrons called?

 11. Complete the following table with =, <, or >

|  |  |
| --- | --- |
| Charge | Relationship |
| Neutral | # of Protons\_\_\_\_\_# of electrons |
| Positive | # of Protons\_\_\_\_\_# of electrons |
| Negative | # of Protons\_\_\_\_\_# of electrons |