Name: _____

Period:_____

Review for Fall Finals 1
Mr. Murray, IPC
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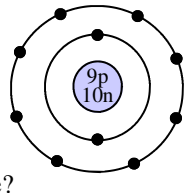
Assigned: Mon., 12/11 and Tues., 12/12
Due: Wed., 12/13 and Thurs., 12/15

1. Small Guided Reading p. 21—22 (VERY IMPORTANT that you actually READ THE BOOK)
   A) What kind of graph shows continuous changes over time?
   B) What kind of graph makes it easy to compare individual data to all the whole (easily shows percentages)?
   C) What kind of graph shows a comparison between different data (comparing to each other)?
2. If you change the size of an object, how does the density change?
3. Elements in the same family (column) have the same number of _____ _____.
4. Use the graphic to answer the following:



   A) Is this an ion or not?
   B) Why or why not?
   C) How many valence electrons does it have?
   D) What element is it?
5. Give two other elements that have the same reactivity as Calcium.
6. Which of the following do not form compounds? Magnesium; Oxygen; Iron; Helium; Hydrogen; Fluorine
7. What do we call the water that collects on the outside of a cold coke bottle on a hot day?

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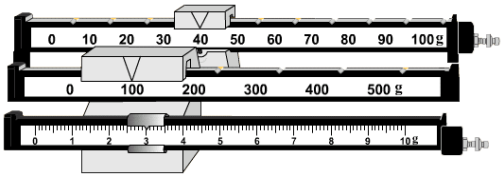
8. If an element "readily accepts electrons" ….
   A) Is it taking or giving electrons?
   B) Is it a metal or a nonmetal?
9. Which most readily accepts electrons: Oxygen or Magnesium?
10. Find the mass from this graphic



11. Go to page 45— About Kinetic Theory:
    A) If a substance's temperature increase do the molecules move faster or slower?
    B) Which has faster moving atoms: solids or liquids?
12. A person is trying to decide what causes salt to dissolve faster. In beaker A they put powdered salt, cold water, and stirs fast. In beaker B they put rock salt, hot water, and don't stir it at all.
    A) Is this a valid experiment?
    B) Why or why not?