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| **Date** | **Topic** | **Homework** |
| **Ms. Kline’s Class** |
| M – Dec 1 | Valence Electrons & The Periodic Table | Finish Worksheet from Class |
| T – Dec 2 | Inquiry: The Periodic Table | Complete Analysis Questions from the Inquiry Activity |
| W – Dec 3 | EXPLORE/PLAN/ACTOnly go to Periods 4-7! |
| Th – Dec 4 | Periodic Groups/Families Graphic Organizer | 1-4 (Use book activity to help!) |
| F – Dec 5 | Finish Periodic Groups/Families Graphic Organizer | 5-8 (Use book activity to help!) |

**\*\*\*TURN ALL HOMEWORK IN BEFORE LEAVING CLASS ON FRIDAY!!\*\*\***

1. What property did Mendeleev use to organize his periodic table?
2. Why did Mendeleev leave spaces in his periodic table?
3. How are elements arranged in the modern periodic table?
4. What determines the number of elements found in each period in the periodic table?
5. For 5a-5e, identify each property below as more characteristic of a metal or a nonmetal:
6. Brittle b. poor conductor of electric current

c. malleable d. shiny e. a gas at room temperature

1. In general, how are metalloids different from metals and nonmetals?
2. Name two elements that have properties similar to those of the element sodium.
3. Identify each element as a metal, metalloid, or nonmetal.
4. Gold b. Silicon c. Sulfur d. Barium

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_

**WEEK 14 AGENDA: Unit 4 course website: kachemistry.weebly.com**

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