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| **GUIDING QUESTION:** | |
| **CLAIM 1:**  *Number of Protons: Valence Electrons:*  *Atomic Mass: Density:*  *Classification: Standard State:*  *Color:*  *Characteristics:* | **CLAIM 2:**  *Number of Protons: Valence Electrons:*  *Atomic Mass: Density:*  *Classification: Standard State:*  *Color:*  *Characteristics:* |
| **EVIDENCE:**  ***Pattern 1:***  ***Pattern 2:***  ***Pattern 3:***  ***Pattern 4:***  ***Pattern 5:***  ***Pattern 6:***  ***Pattern 7:*** | **JUSTIFICATION:** |

**PERIODIC TABLE INVESTIGATION ARGUMENT BOARD**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pd: \_\_\_\_\_ Ast: \_\_\_\_\_