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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: \_\_\_\_\_