Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_

**ELEMENT RESEARCH/DATA SHEET**

**\*\***Use this sheet to find information about your element**.** You may add other important facts **– this is just a guide for the type of information that may be helpful.**

The element is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (element name). The chemical symbol is \_\_\_\_\_\_\_ (abbreviation). The atomic number is \_\_\_\_\_\_\_\_. The element has \_\_\_\_ protons, \_\_\_\_ neutrons, and \_\_\_\_\_ electrons in its atomic structure.

The element is classified as a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (METAL, NONMETAL, METALLOID, INERT GAS).

It was discovered by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in \_\_\_\_\_\_\_\_ (year). The country of discovery was \_\_\_\_\_\_\_\_\_\_\_\_\_\_. It can also be found naturally in these other places \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

State of matter at room temperature: \_\_\_\_\_\_\_\_Boiling point: \_\_\_\_Melting point: \_\_\_\_\_

Periodic family name: \_\_\_\_\_\_\_\_\_\_\_\_\_ Other elements found in this family include: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Physical properties/description: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Uses: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Chemical characteristics (what does it react with? What compounds are made with this element?): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Other interesting information:

Sources: (you must have at least 2 sources – list them as you take notes)

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Book**

**MLA:** Last, First M. *Book*. City: Publisher, Year Published. Medium.
**Example:** Carley, Michael J. *1939: The Alliance That Never Was and the Coming of World War II*. Chicago: Dee, 1999. Print.

**Website**

**MLA:** Last, First M. “Article Title.” *Website Title*. Website Publisher, Date Month Year Published. Web. Date Month Year Accessed. <URL>.
**Example:** Satalkar, Bhakti. “Water Aerobics.” *Buzzle.com*. 15 July 2010. Web. 16 July 2010.

**\*Note:** URL is optional unless the source cannot be located without it or if required by your instructor.

**Online Database (Journal)**

**MLA:** Last, First M. “Article Title.” *Journal Title* Series Volume.Issue (Year Published): Page(s). *Database Name*. Web. Date Month Year Accessed. <URL>.
**Example:** Ahn, Hyunchul, and Kyoung-jae Kim. “Using Genetic Algorithms to Optimize Nearest Neighbors for Data Mining.” *Annals of Operations Research* 263.1 (2008): 5-18. *Academic Search Premier*. Web. 25 Sept. 2008.

**\*Note:** URL is optional unless the source cannot be located without it or if required by your instructor.

**TV/Radio**

**MLA:** “Episode.” Contributors. *Program*. Network. Call Letter, City, Date. Medium.
**Example:** “The Saudi Experience.” Prod. Mary Walsh. *Sixty Minutes*. CBS. WCBS, New York, 5 May 2009. Television.