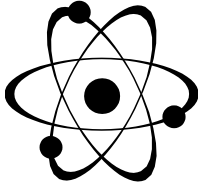
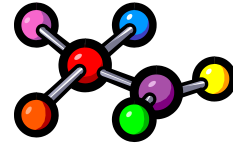


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

## Element Report



_____
Element Name
_____
Symbol
_____
Atomic Number
_____
Atomic Mass



### 1. Name:

What is the meaning of the element's name?

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### 2. Cosmic Element:

Is there evidence of this element in outer space?

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If so, where and in what quantities?

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### 3. Human Element:

How much of the element is found in humans?

Blood \_\_\_\_\_

Bone \_\_\_\_\_

Tissue \_\_\_\_\_

What is the purpose of this element in our bodies?

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Is there a quantity at which this element becomes harmful to humans?

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

**4. Food Element:**

Do humans consume this element or a compound containing this element?

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Which foods contain this element?

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Is there a need for this element in our diet?

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**5. Medical Element:**

What happens if we exposed to too much or too little of this element?

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How have doctors used this element?

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**6. Element History:**

Who discovered the element, and in what year was it discovered?

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How was the element discovered?

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

**7. Element of War:**

Was this element used in war?

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How was it used?

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**8. Economic Element:**

How much of the element is produced each year?

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What is the element use for?

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**9. Environmental Element:**

How much of the element is found in the various regions of Earth?

Crust \_\_\_\_\_  
Soil \_\_\_\_\_  
Sea Water \_\_\_\_\_  
Atmosphere \_\_\_\_\_

Does the element damage the environment in any way?

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**10. Chemical Element:**

What are the chemical and physical properties of the element?

Density \_\_\_\_\_  
Melting Point \_\_\_\_\_  
Boiling Point \_\_\_\_\_

Is it a \_\_\_\_\_Metal, \_\_\_\_\_Non-metal, \_\_\_\_\_Metalloid (check one)

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

**11. Element of Surprise:**

Is there a curious use or strange feature to the element?

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**12. Visual Element**

Draw the Lewis Dot Structure for this element.

Draw the Orbital Structure for this element.

**13. Element Bonds**

What other elements does this element commonly bond with and what molecules does it form.

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Draw the Ball and Stick molecular structure of this element in the most common bonded form.