

## Physical Science Project - Adopt An Element

### Requirements:

1) Complete an Adopt An Element information sheet. (10 points)

2) Create an advertisement for your element. (10 points)

The advertisement must include the element's name, symbol, atomic number, atomic mass, cost, and an advertising slogan that describes one or more of its important uses. Advertisements must be neat, colorful, and contain all the information listed above. You may add pictures that relate to your advertisement theme.

### Example:

Be sure to include:

- ✓ Element's symbol
- ✓ Element's name
- ✓ Atomic number
- ✓ Atomic mass
- ✓ Ad slogan
- ✓ Cost
- ✓ Your name

You may add pictures or drawings that illustrate the various uses for your element.

**Your ad must follow the same format as this example!**

The example advertisement is enclosed in a rectangular box. It contains the following text and labels:

- Top left: 33 (Atomic Number)
- Top right: 74.9 (Atomic Mass)
- Center: **As** (Symbol) and **Arsenic** (Name)
- Below symbol and name: **Arsenic's a sure fire way to deal with a nasty rat, It works better than a mean old cat!** (Slogan)
- Bottom left: **Cost = \$3.20 for 1 gram** (Cost)
- Bottom right: **John Smith** (Name)

Arrows on the right side of the box point to these elements with the following labels: Atomic Mass (pointing to 74.9), Atomic Number (pointing to 33), Symbol & Name (pointing to As and Arsenic), Slogan (pointing to the rat/cat text), Cost (pointing to \$3.20), and Name (pointing to John Smith).

# Adopt An Element

Name \_\_\_\_\_

## Fact Sheet

Element \_\_\_\_\_

Symbol	Atomic Number	Atomic Mass
_____	_____	_____
# of Protons	# of Neutrons	# of Electrons
_____	_____	_____
Melting Point	Boiling Point	Normal Phase
_____ °C	_____ °C	_____

Cost = \_\_\_\_\_ for \_\_\_\_\_

Classification:  Nonmetal  Metal  Metalloid

My element belongs to the \_\_\_\_\_ family.

Origin of Name \_\_\_\_\_

Discovered by \_\_\_\_\_ in \_\_\_\_\_

Interesting Info: May include important uses, interesting facts, common compounds, etc.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.