

Adopt-An-Element

Requirements:

1) Complete an Adopt-An-Element information sheet. (60% of grade)

- a. Use a variety of resources to complete (encyclopedias, science books, internet)
- b. Provide a list of your sources in MLA format on the back of the information sheet (minimum of three sources)

2) Create an advertisement for your element. (40% of grade)

- a. Ad must include: Element Name, Symbol, Atomic Mass, Atomic Number Cost and Advertising slogan
 - i. Advertising slogan that describes on or more of its important uses
 1. Neat
 2. Colorful
 3. Picture that relates to advertising theme
 4. Complete

Example: This is done on a piece of white printer paper 8.5" x 11"

*You will need to 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 border. At the top left is the atomic number '33'. At the top right is the atomic mass '74.9'. In the center, the symbol 'As' is written in a large font, with 'Arsenic' written below it in a slightly smaller font. Below the name is a slogan: 'Arsenic's a sure fire way To deal with a nasty rat, It works better than A mean old cat!'. At the bottom left, the cost is listed as 'Cost = \$3.20 for 1 gram'. At the bottom right, the name 'Mr. Thompson' is written. Arrows from labels on the right side point to these elements: 'Atomic Mass' points to 74.9, 'Atomic Number' points to 33, 'Name and Symbol' points to 'As' and 'Arsenic', 'Slogan' points to the four-line slogan, 'Cost' points to the cost information, and 'Name' points to 'Mr. Thompson'.

You will be given 8 elements to complete. When we are finished, we will laminate them and hang them on the wall to form a large periodic table.

Name _____ Element _____

Adopt-An-Element

Fact Sheet

Symbol

Atomic Number

Atomic Mass

of protons

of neutrons

of electrons

Melting point

_____ °C

Boiling Point

_____ °C

State @ Room Temp.

_____ °C

Cost = _____ for _____

Classification (check one): Nonmetal Metal Metalloid

This element belongs to the _____ family.

Origin of

name. _____

Discovered by _____ in _____

Interesting information: Include uses, interesting facts, common compounds, etc.

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