

(50 points)

Your task is to create a six-panel brochure (either drawn by hand or designed on a computer) that highlights the important information about the element.

The brochure must be colorful, neat and contain the following required information: element name, element symbol, atomic number, atomic mass, drawing of the atom, periodic table location, melting point, boiling point, natural state of the element (solid, liquid, gas), density, physical appearance, type of element, origin of element's name, name of person/persons who discovered the element, date of discovery, three common uses of element, three interesting facts about the element, your name, your class period and date.

See the brochure template to see how to place the information on the brochure. You will complete an element brochure worksheet that must be neat and contain all the information requested. Please provide a list of sources (at least two). Here are some possible sources:

www.periodictable.com

www.chemicool.com

www.chemicalelements.com

www.webelements.com

<http://periodic.lanl.gov>

Element Brochure Worksheet

Element name: _____

Element symbol: _____

Atomic number of element: _____

Atomic mass of element: _____

Drawing of atom (correct number of protons, neutrons and electrons in energy levels):

Location of element on period table (group and period): _____

Melting point: (make sure it is Celsius) _____

Boiling point: (make sure it is Celsius) _____

Natural state of element (solid, liquid, gas): _____

Density: (in g/cm³): _____

Physical appearance: (color, luster, texture, malleability, etc.) _____

Type of element: (metal, nonmetal, metalloid) _____

Origin of element's name: _____

Name of person/persons who discovered the element: _____

Date of discovery: _____

Three common uses of elements: (three is minimum, but you can have more)

1. _____

2. _____

3. _____

Three interesting facts about element: (three is minimum, but you can have more)

1. _____

2. _____

3. _____

Websites used to research my brochure (must be a minimum of two sources- Google is NOT a website- it is a search engine.):

1. _____

2. _____