

Revised August 2011



HONORS WORKSHEET 3a: Elements & Symbols

Although you will always have access to a periodic table in tests and exams, the periodic table will NOT have element names on it. In that light it will be extremely helpful to you if you can begin to recognize as many of the element names and symbols as possible.

1. Assign the 50 elements below to one of the four lists based upon their symbols. (50)

List A: Elements that have symbols that are only the first letter of the element's name

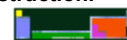
List B: Elements that have symbols that are the first two letters of the element's name

List C: Elements that have symbols that are the first letter and another letter of the element's name

List D: Elements that have symbols that are rooted in another language or other source

| ELEMENT NAME | ELEMENT SYMBOL | LIST A, B, C or D? |
|--------------|----------------|--------------------|
| aluminum | | |
| antimony | | |
| argon | | |
| arsenic | | |
| barium | | |
| beryllium | | |
| bismuth | | |
| boron | | |
| bromine | | |
| cadmium | | |
| calcium | | |
| carbon | | |
| cerium | | |
| cesium | | |
| chlorine | | |
| chromium | | |
| cobalt | | |
| copper | | |
| fluorine | | |
| gallium | | |
| gold | | |
| helium | | |
| hydrogen | | |
| iodine | | |
| iron | | |

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| ELEMENT NAME | ELEMENT SYMBOL | LIST A, B, C or D? |
|--------------|----------------|--------------------|
| lead | | |
| lithium | | |
| magnesium | | |
| manganese | | |
| mercury | | |
| neon | | |
| nickel | | |
| oxygen | | |
| phosphorus | | |
| platinum | | |
| potassium | | |
| radium | | |
| selenium | | |
| silicon | | |
| silver | | |
| sodium | | |
| strontium | | |
| sulfur | | |
| tin | | |
| titanium | | |
| tungsten | | |
| uranium | | |
| vanadium | | |
| xenon | | |
| zinc | | |

2. Using the periodic table, find **one more** (i.e. not those listed in question #1.) element for **each** list. (4)

A. _____

B. _____

C. _____

D. _____