

AP WORKSHEET 00D: 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		

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		
³³ As ³⁴ S 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. _____