

PERIODIC TABLE

Remember:

atomic number – number of protons or electrons in an atom

mass number – number of protons and neutrons in an atom; mass of element

group or family – a column in the periodic table (elements with similar properties)

period – a row in the periodic table (elements with increasing atomic numbers)

isotope – any atoms having the same number of protons but different number of neutrons

USE THE INTERNET SITES PROVIDED TO ANSWER EACH QUESTION BELOW. YOU MUST VISIT ALL THREE SITES.

Content Questions	http://www.webelements.com/	http://www.chemicalelements.com	http://pearl1.lanl.gov/periodic/default.htm
How many families are there in the periodic table?			
List the elements by symbol in the first family.			
How many periods are there in the periodic table?			
List the elements by symbol in the third period.			
What is the atomic number of nitrogen?			
What is the atomic number of titanium?			
What is the mass number of sulfur?			
What is the mass number of iron?			
How many electrons does aluminum have?			
How many electrons does potassium have?			
How many protons does zinc have?			

How many protons does copper have?			
How many neutrons does argon have?			
How many neutrons does iodine have?			
How many elements are there in the periodic table?			
Web Site Critique Questions (Media Literacy)			
What is the <u>target audience</u> of the site? How do you know?			
What is the <u>message</u> of the site? How do you know?			
What is the <u>bias</u> of the site? How do you know?			
How does the site present information? Is it effective? Why or why not?			

Extra credit: Who invented the periodic table? _____

