Name:	Date:
Periodic Table Scavenger Hunt	
Objectives:	
 SWBAT use the periodic table to name elements, given their symbols. SWBAT use the periodic table to write the symbols of elements, given SWBAT describe the arrangement of the periodic table SWBAT list the characteristics that distinguish metals, nonmetals and r SWBAT efficiently use their text book to gain information. 	
Directions:	
Use the periodic table of elements and your text book to explore and learn to u	use the periodic table.
To answer each of the questions below, draw the atomic number, chemical sy in the boxes provided.	ymbol and element name
Section 1: Names and Symbols	
 Find at least 3 elements named after countries Find at least 3 elements named after scientists (and name the scientist) 	

3.	Find 1 element named after a state	and	one named after a continent
4.	Find 3 elements named after planets		
			_
5.	Find 1 element that sounds like your name	and 1 that sounds	like it should be in a comic book
6.	Find at least 5 elements whose symbols do	not match their n	ames
L			

7. What is the only letter **not** appearing on the periodic table as a symbol or part of the symbol?

Section 2: Families and Periods

Define	e:								
1.	Families:								
2.	Periods –								
Without repeating the elements you found above, answer the following questions:									
3.	3. Find three elements in the same family								
Γ									
Г									
L									
L									
4.	4. Find three elements in the same period								

Section 3: Types of Elements

8	## 10026
8	fluorine neon 9 10
8	9 10
0	_
	F Ne
	18.998 20.180 chlorine argon
16	17 18
	CI Ar
	35.453 39.948 promine krypton
	35 36
Se l	Br Kr
	79.904 83.80 iodine xenon
52	53 54
Te	I Xe
	126.90 131.29
polonium a:	astatine radon 85 86
Po	At Rn
-	[210] [222]
ytterbium	
Yb	
173.04 nobelium	
102	
No	
[259]	
	15.999 sulfur S 32.065 selenium 52 Te teliurium 52 Te Po polonium 84 PO (209)

Metals:

Metalloids

Nonmetals

Noble Gases

- 1. Find the element that makes plumbing pipes. Is it a metal, nonmetal or metalloid?
- 2. Find the element that makes glowing signs, what special group is it in?
- 3. Find the element that makes milk good for your health. Is it a metal, nonmetal or metalloid?