

1. Determine if the following elements are metals, non-metals, or metalloids:

vanadium	_____	selenium	_____
argon	_____	antimony	_____
cesium	_____	uranium	_____
aluminum	_____	hydrogen	_____
mercury	_____	silicon	_____

2. List the family NAME of the following elements:

magnesium	_____	europium	_____
bromine	_____	plutonium	_____
helium	_____	sodium	_____
mercury	_____	fluorine	_____

3. List the column NUMBER for the following elements:

zinc	_____	tin	_____	sulfur	_____
iodine	_____	nitrogen	_____	einsteinium	_____
francium	_____	silver	_____	lead	_____

4. List the row NUMBER for the following elements:

radon	_____	strontium	_____	arsenic	_____
chlorine	_____	osmium	_____	lithium	_____
gold	_____	yttrium	_____	americium	_____

5. List (or name) five elements that are SOLIDS at room temperature:

6. List (or name) five elements that are GASES at room temperature:

7. List (or name) all the elements that are LIQUIDS at room temperature:

8. List (or name) five synthetic elements:

9. List the correct BLOCK that each element belongs to:

cobalt _____ iodine _____ berkelium _____

beryllium _____ bismuth _____ platinum _____

fermium _____ oxygen _____ potassium _____

10. List ten specific things that can be determined about the element **antimony** from the periodic table:

1) _____ 6) _____

2) _____ 7) _____

3) _____ 8) _____

4) _____ 9) _____

5) _____ 10) _____

11. Why isn't the periodic table arranged in alphabetical order (two reasons)?

12. History review:

(a) Who created the first periodic table? _____

(b) Why did he leave blank spots in his table? _____

(c) What was wrong with his table? _____

(d) Who fixed his table? _____

(e) How was the periodic table fixed? _____

(f) What does it mean for a table to be periodic? _____

