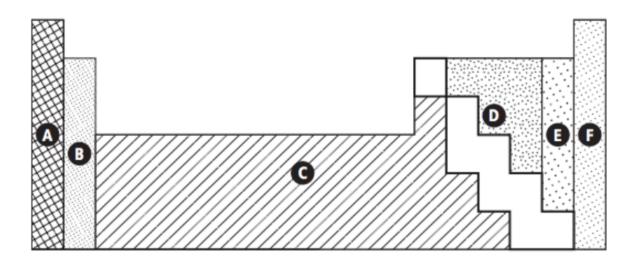
Science 8 Atomic Theory 5: The Periodic Table Name: Date: Block:												
What is the PT?	The modern periodic table is a table used to organize chemical elements by											
Who created the periodic table?	 In 1869, Dmitri published the first periodic table He listed the elements in order of increasing and left spaces for elements that had yet to be discovered – he was able to both the mass and properties for unseen elements! 											
How is the periodic table organized?	• • Gre	 , going across (↔), are called , going up and down (‡), are called or Groups/families are organized together based on , such as 										
	Group	Group Name	Reactivity	Elements in this Group								
	1		metals	Hydrogen, lithium,,, rubidium, cesium, francium								
What are the <u>families</u> (groups) on	2		metals	, magnesium, calcium strontium,, radium								
the periodic	3-12											
table?	17		Very non-metals	_								
	18		Verygases	, neon, argon, krypton,								
Group/Family	1			18								
	Н	2		13 14 15 16 17 He								
	Li	Ве		F Ne								

	Н	2					13	14	15	16	17	Не
	Li	Ве									F	Ne
-	Na	Mg	3			12					Cl	Ar
	K	Ca									Br	Kr
	Rb	Sr									Ι	Xe
-	Cs	Ва										
	Fr	Ra										

<u>Practice:</u> Identify the region (A, B, C, D, E, or F) where following are found on the Periodic Table by writing the appropriate letter in the space below.



- 1. Helium: _____
- 2. Nitrogen: _____
- 3. Vanadium: _____
- 4. Palladium: _____
- 5. Noble gases: _____
- 6. Alkaline Earth metals: _____
- 7. Very reactive non-metals: _____
- 8. Variable reactivity: _____

- 9. Magnesium: _____
- 10. Most reactive: _____
- 11. Least reactive: _____
- 12. Halogens: _____
- 13. Transition metals: _____
- 14. Somewhat reactive: _____
- 15. Alkali metals: _____
- 16. Carbon: _____