Chemistry Quiz: Element Types on the Periodic Table

Name: _____

Total (_____/34) *.5

Part 1: Below, symbols of some elements are given. Check the column in which each element belongs. You should choose only one answer per element. Be sure to be as specific as possible.

Element Symbol	Alkali Metal	Alkaline-Earth Metal	Transition metal	P-block metal	metalloid	Non-metal	halogen	Noble gas	lanthanide	actinide
Sb										
Sr										
Rn										
P										
Pt										
Cf										
Cs										
S										
Fe										
Br										
Ar										
Ce										

Part 2: Below, symbols of some elements are given. Check all of the columns that best describe that element. You will have more than one answer per element. Do not do anything with the boxes that are blocked out. (23 points)

		As solids		As solids		Conductivity		Typical state at Room Temperature		Reactivity	
Element Symbol	**Shiny**	**Hard**	**Soft**	**Malleable & Ductile**	**Brittle**	**bad**	**Good**	**Solid**	**Gas**	**high**	**low**
N											
Ag											
Mg											
I											
H											
Be											
Ti											
Eu											
Rb											

Part 3: <u>In addition to the elements already on this quiz,</u> give me an element that fits into the following categories below. (5 points)

Category	Element Symbol
Halogen	
Nonmetal	

Alkali Metal	
Metalloid	
Lanthanide	
Transition Metal	
Alkaline Earth Metal	
Noble Gas	
Actinide	
P-block metal	

Quiz Answer Key

Element Symbol	Alkali Metal	Alkaline-Earth Metal	Transition metal	P-block metal	metalloid	Non-metal	halogen	Noble gas	lanthanide	actinide
Sb										
Sr										
Rn										
P										
Pt										
Cf										
Cs										
S										
Fe										
Br										
Ar										
Ce										

		As solids		As solids		Conductivity		Typical state at Room Temperature		Reactivity	
Element	Shiny	Hard	Soft	Malleable	Brittle	bad	Good	Solid	Gas	high	low

Symbol				& Ductile							
N					x	x			x		
Ag	x	x		x			x	x			x
Mg			x	x			x	x		x	
I					x	x		x		x	
H					x	x			x		
Be	x		x		x		x	x		x	
Ti	x	x		x			x	x			x
Eu	x				x			x			x
Rb	x	x		x			x	x		x	

Part 3:
Check work with a periodic table