

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)

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

Part 3: In addition to the elements already on this quiz, 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	

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