Review Pak #1 "Can I Bond with U?"

1. Complete the following table.

Element Name	Element Symbol	Number of Protons	Number of Neutrons	Number of Electrons
Oxygen				
	Na			
Neon				
	Fe			

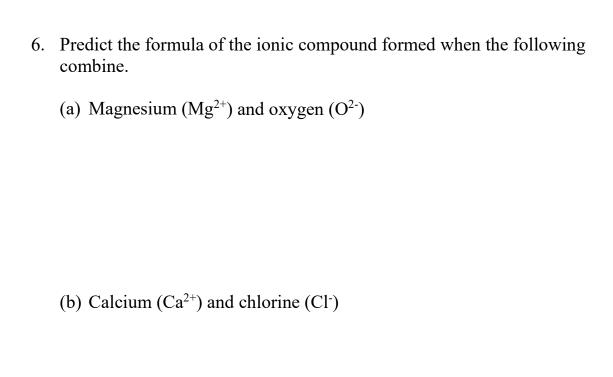
2. Complete the following table.

Element Name	Element Symbol	Metal or Nonmetal	Number of Valence Electrons
Lithium			
	P		
Potassium			
	Cl		

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3.	Complete the following sentences using the words ionic, covalent					
	(a) Atoms transfer electrons to another atom to form bonds					
	(b) Atoms share electrons to form bonds.					
	(c) bonds form between a metal and a nonmetal element					
	(d) bonds form between two or more nonmetal elements					
4.	Indicate if the following are ionic compounds or molecular compounds.					
	(a) CH ₄					
	(b) H ₂ O					
	(c) MgCl ₂					
	(d) Fe ₂ O ₃					
5.	Name the following simple ionic compounds.					
	(a) CaCl ₂					
	(b) MgO					
	(c) Na ₂ O					

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(c) Potassium (K⁺) and oxygen (O²⁻)

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