		Name:	Period:
Ionization E	Energy and I	Electronegativity Guided Notes	
Ionization Ene	<u> </u>		
		required to remove a	from an atom
		ould require a LOT of energy to remove an electron? Explain.	,
Whi	ch element wo	uld NOT require a lot of energy to remove an electron? Explain.	
High Ionizatio	n Energy means	3	
Low Ionization	n Energy means		
Which elemen	nt has the highe	st ionization energy?	
		st ionization energy?	
Explain why yo	ou think this is s	o:	
		ach pair has the higher ionization energy?	
a.	Mg or S		
b.	N or As		
C.	Cl or Ar		
d.	Si or Ge		
Electronegativ	vity:		
the a	ability of an ele	ment to an	·
Whi	ch elements wo	ould really like additional electrons? Why?	
Whic	ch element wou	uld not like additional electrons? Why?	
Which elemen	nt is the most el	ectronegative?	
		ectronegative?	
Practice: \A/hia	ch alamant in a	ach pair has the higher electronegativity?	
	Mg or O		
	N or As		
	Cl or Ne		
	Si or Sn		
0			

1.	P or Cl, which ha	as the <i>higher</i> :			
	a. Ato	omic radius			
	b. Ion	ization energy			
	c. Elec	ctronegativity			
2.	Ca or Ba, which	has the <i>lower</i> :			
	a. At	comic radius			
	b. Io	nization energy			
	c. El	ectronegativity			
3.	N ³⁻ or F ⁻ which has the <u>larger</u> ionic radius?				

Check For Understanding