## Periodic table worksheet 2

1. Which of the following is the Lewis structure for magnesium?

		A) M	g •	(B)) • Mg		C) • M	g•	D) ! M	g s
	2.			e characteris Lewis notation		ovides the in	nformation y	ou need to	represent
			oup number riod numbe			C) The atom D) The nur	mic mass nber of prot	ons	
	3.	During positive		an atom can	become a p	ositive ion.	How does an	n atom beco	me a
		A) It ga	ains one or	more electro more proton			one or more		
	4.		cium (Ca) at carried by		s a positive	ion, what wi	ll be the dis	tribution of	the
				l 18 negative l 20 negative		C) 18 positiv D) 20 positiv	_		_
	5. A)	Which	atom is corr	rectly represe	ented with t	he Lewis not	tation?	6)	Si
	6.	An elen	ment from p		presented be	elow in Lewi	is notation.		
	a) b)			of this eleme rd Bohr diag		element.			
					(la)	2e 8	e-de		
	7.	is one o	of the salts	dissolved in ium chloride	seawater. U	ee of minera			
					Na.	00			
Γ	8.			is notation for		ving.			
		Li	Be •	B ·	« C »	No	· 0 °	o F o	Ne ·

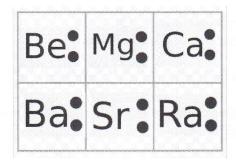
9. Give the ionic charge for the following elements..

	Li +1	Be +2	B +3	C +4	-3 N	0 -2	F - 1	Ne Ne
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10. What group does the picture below belong to?



11. What is wrong with the representation of the elements below?



12. Each statement is incorrect; correct the wrong part so that it reads correctly.

a- O has a -2 charge because it donates 2 electrons during a chemical reaction.

b- Mg has a (-2) charge because it donates electrons during a chemical reaction.

c- Ar has no charge because it is chemically active.



d- Al has a +2 charge because it donates 2 electrons during a chemical reaction.

e- Elements within the same group form different ions.

same

f- Ca has a +2 charge because it donates two protons during a chemical reaction.