Chem I	Name	
	Date	Per
Worksheet 3: Physical and Chemical Ch	anges and th	e Periodic Table
I. The Demos		
1. In the space below, draw the set-up for the distillation physical changes that occur when the distillation was		hol. <u>Label</u> the two
2. What about water and alcohol makes separating th	em possible? _	
3. In the space below, draw the set-up for the electroly change that occured while the electrolysis was happe	ysis demo. Labe ning	el the one chemical
II. The Periodic Table		
1. Vertical columns on the periodic table are called		or,

and horizontal rows across the periodic table are called ______.

2. W	nat a	re th	e cha	aract	eristi	ics of	f											
	a. r	neta	ls? _															
	b. r	non-r	neta	ls? _														
	c. r	neta	lloids	s?														
3. W	nat a	re th	e six	met	alloic	ls? G	aive l	both	the s	symb	ols a	nd tl	ne na	ames	S .			
											_							_
											_							_
											_							_
4. Wh		re th	e naı	mes	of the	e two	o row	s of	elem	ents	four	nd in	the I	oox b	elow	/ mos	st pe	riodic
									_ an	d								
5. Co	mple	ete th	ne fol	lowir	ng ta	sks c	n th	e bla	nk p	eriod	lic tal	ble b	elow	<i>ı</i> :				
	d. [e. [f. D	Oraw Oraw Oraw	star circl trian	s in i les ir gles	gona tical I izont the n all t in all in al	oble he a I the	gase Ikali alka	es. earth li me	n met tals.		the me nor	netal n-me etall	s. tals oids.					
															_			
		*																
		*																
															_		1	
		•																
		**																

6. V	What is another name for tungsten?
7. L	List the elements found in group 1
8. L	List the elements that make up the alkaline-earth metals
9.	Describe the nature in which chemical properties change as you go down group 1 or group 2
10.	What sets noble gases apart from other groups on the periodic table?