

Name:		
Date Started:	Date Completed:	Score:
	Learning Activit Arrangement of Elements and Trea	·
I. Refer to the periodic ta	ble in answering the following:	
A. Determine what group	in the periodic table does each elemen	nt belong to:
1. potassiu	m	
2. chlorine		
3. magnes	um	
4. helium		
5. tin		
B . In each given group, c	hoose the one with the highest ionizati	ion energy:
1. Na, P, Cl, Al,	Si	
2. Ca, Mg, Be, S	Sr, Ba	
3. N, Cl, O, C, F	, Br	
C. Arrange the following	according to their increasing electron	affinities:
1. Na, Mg, Al, S	i	
2. C, Si, Ge, Sn		_
3. Li, N, K, Ca		_
II. Read and analyze each	n question. (2 points each)	
1. How is the periodic tal	ble useful in predicting physical and ch	nemical changes of elements?
that is close to the ave	erage of the atomic masses of nitrogen	element. This proposed element has an atomic man and phosphorus, and it shares many properties welements in Group VA. Do you think that the students