Astronomy Ranking Task: Nuclear Physics

Exercise #2

Description: The following table has some information for five atoms on the periodic table, labeled V through Z. Note that some may be ions.

ranking letter	V	W	Х	Υ	Z
element symbol	Al				Na
proton number		16	36	17	
neutron number		16	50		12
electron number		18			10
mass number	27			35	
electrical charge	+3		0	-1	

A. Ranking instruction	ns: Rank t	he numb	ers of pro	otons in e	each atom	
Ranking Order: Least	1	2	3	4	5	Most
Carefully explain you	r reasonir	ng for ran	king this	way:		
B. Ranking instruction	าร: Rank t	he numb	ers of ne	utrons in	each ator	n.
Ranking Order: Least	1	2	3	4	5	Most
Carefully explain you	r reasonir	ng for ran	king this	way:		

C. Ranking instruction	ns: Rank	the num	bers of el	ectrons i	n each atc	om.
Ranking Order: Least	1	_ 2	_ 3	_ 4	_ 5	Most
Carefully explain you	r reason	ing for ra	nking this	s way:		
D. Ranking instruction	ns: Rank	the mass	s number	s of each	atom.	
Ranking Order: Least	1	_ 2	_ 3	_ 4	_ 5	Most
Carefully explain you	r reason	ing for ra	nking this	s way:		
E. Ranking instruction	ıs: Rank	the value	es of the e	electrical	charges o	n each atom.
Ranking Order: Most	Negative	e 1	_ 2	_ 3	_ 4	5 Most Positive
Or, all of the atoms ha	ave the s	same elec	ctrical cha	ırge	(indica	ate with a check mark)
Or, there is not enoug	gh inforn	nation to	determir	ne this	(ind	icate with a check mark)
Carefully explain you	r reason	ing for ra	nking this	s wav:		
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