	-			
		classnate		
		Page		classmate
				Date Provided the Control of the Con
			17	Home would as all a
	78	Energy of an Elichan in the ground state atom is	-	How would you Explain the fact the first ionization futhalpy of Sodium 1: lower than that of Magnesium but its second tonization futhalpy is higher than that of magnesium?
		-2-18 x 10 185, calculate the Longstion shippy of		Second Lawisation Could be Magnesium but its
		atomic budgame in being of F. Mal		magnesium? Futharpy is ligher than that of
	an	The tour total by the of mole any weekle	ave	
		ground state Energy of the atoms may be Expressed as & (ground state) = -2.18 × 10 <sup>-18</sup> 5 × 6.522 × 10 <sup>-1</sup>		No - 122 L82 106 361
		as & (ground state) = -2.18 × 10-18 5 x 4.022 × 100		Ma - 102 202 206 202
		= -1.3(2 × 1)2 J		first Electron in looks cares in the
		Formation surphy = $0 - (-1.312 \times 10^6)$ = $1.312 \times 10^6$ Junel		35 GIOTAN GULL FUL INITIONE OLORES N ALL LINE
	- 1	0 = 1.312 × 106 Junel-		than of Mg (+12) thurstone that conization surge of
		the second secon		Endum 13 Course than that at many
		The second secon	110	After the Loss of first Election, the election configuration
	18	Among the second pained clements, the actual forigation		Na+ - 15-28-296
		Entrapies are the order:		Mg+ - 15-25-29 6 35
<u> </u>		LixBx Bex Ox Kx FxNe		Here Nat has Attained Ne confrigation which is
		Explain noty		very Stable and hence beginneral of Second require
		is be has higher OH, How B		much Energy.
	1	iii) O has lower DH, Harry N and #?		(0)
	1	4 Be - 152 82 - outer struss f election in prosent in	18	what are the various factors due to which the provisal
		28 contribut vehicle in B (15° 25' 2pl) it is prosent in		Enthalpy of the wain group Elements tends to decreat
		29 ortifal Linae Is - Electron are more strongly		down the group?
		attracted by the nucleus than ep- steetions,	cus	is blanic size
		therefore, losser amount of Energy is required to		il screening 1 shielding Effect
		Knock out a ep- Election than a se- fleation.		Sound Shielding Effect
7		The second than a se - 411 aton.		
	1 til	The Electronic Configation		
	1	At - totact and and and		
	1	Ny = 15 25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
	1	8 = 13 25 The stay Des		A STATE OF THE STA
	-	we can observe in case of nitrogen ep-proitel		the state of the s
		Ove Executy half to filled. Therefore it is difficult		the and the firm are product from the first of
		to remove an election from M from O.		AND ASSESSED AND ASSESSED ASSESSED.
		The state of the s		