	The state of the s	aller All	
	CLASSPACE Date Page		classwate. Oute.
and	The first ionization Entharpy values (in KJ mol-) of grip 13 Plumints are B Al ya In \$1 T1 801 577 579 558 589 House would you Enplain this deviation from the general trend? The decrease in A.H., value from B to Al is due to the bigger size of Al. In auto go ture is 10 d' Electron which does not server as is done by s and P electron. The serve is with note II. The latter has founteen At electron with very poor sheiding Effect. This also increases the effective nuclear clearge thus the value of Ditti increases.	22	ii) The reason for deviation is due to the smaller of F. Due to It's small size, the Shotron repulsion in the relatively compact sp subshell are comparatively large hence the attractive for incoming Electron is less in the case of c. What is the basic difference between the terms thechon- gain turnalpy and electro negatively? Electron gain electron supplied to can declated gashow atom to accept an additional thechon to form a regative for whereas Electronegativity refers to tendency of the atom of an Electronegativity refers to tendency of the atom of an Electronegativity refers the rendered pain of Electron towards in a covalant board.
39	which of the fellowing pain of Elements would have to more negative element gain Enthalpy. (i) Our F ii) For cl (ii) Both O and F lie in I've period pained. As we make from O to F the atomic sign decuased. Due to smaller size of F nuclear charge increases. Further, grium of one Electron by. F > F F is ions has went gas confrigation, while the gain of one electron by O > O Wive Wass which does not have stable inset gas confrigation, Bon sequently, the Energy released is much higher in going form. In other wood electron gain Enthally of F is much more negative than that of Oxygen.	24	More would you react to the Statement that the Electo- Megatively of N on pauling Scale U.S.O in all the Winogen compounds On pauling Scale, the Electronegatively of Nitrogen (3-0). Indicated that it is sufficiently electronegative But it is not correct to say that the Electronegativity of nitrogen in all the congounds is 3. It depend on state of Mybrodisation or more is the scale none will be the Plentin regativity What you expect the first ionization enthopies of two integes of the same elements to be the same / different ! Audity, tonisation furtherly among the first ionization algority conto Electronic congligaration and vuolear charge suice youths of or Elements wave the same electronic and Same nuclear charge, they have same ionization