classante	
C Page 0	Classmate Dorts Page
Stateme of period & group where will you locate the 17th group period - 7 group - 14 Clock - P Lieby do Elevents in the same group have similar and chamical properties? The Elevents in a group have valence thell electronic configuration and hence have similar physical and chamical properties	Atomic Radii- from left to right across a period generally decreases due to therease in Effective nuclear charge from left to right across a period Il what do you understand by the Electronic species? Now a Species that will be no Electronic with Each of the following atoms / Jone (i) F (ii) AT (iii) ty ¹² (iv) Pb sus the Electronic species are those species (dome/ rone) ushid have some somewher of Electrone. Iso Electronics
I what does atom making Fonic radius really means to you any thomas fadius. Internet between the centre of moderns to the auternest shoel of Electrons in the atom any flument is called Bromis fadius tradicion to Estimated by measuring the distance between cotions and curions in termic mystals.	(a) Not will Not the following effection: (b) Arrange Hum in order of turnessing Janic radic as All of them them some no of flethern within them
them do stavie radius vary in a found and in a group? them do you explain the variation? and with a group stavier rodius survivarie down the group Reason - this is due to continuous increases in the	(b) In Isoleotronic officies, greater the nuclear change, lesser well be the alarmic or tenis radius At 12 x Mg 12 < Na+ x F x 0. x x 12 = 12 Suplain toly cations are smaller and arrions larger in
hunder of Electronic shells or orbitals numbers in the the structure of sterns of the Elevente deven a	radii than their parent atoms: A cation is smaller than the parent atom because it has fewer sharkoms ushaile its mustar change remain the same. The size of anion will be larger than that of purent along because the addition of one or more sharkoms would result in the recised among the sharkoms and a decrease in Efficience