Polarization of ionic bonds		
Na	Name:	
1.	Explain the meaning of the following terms	
	Polarization.	
	<u>Polarizability</u> .	
	Polarizing power.	
2	Fajan's rule relates the polarizability and polarizing power of an ion to the size and charge.	
۷٠	Delete where appropriate.	
	For anions the larger / smaller the ion the more easily polarized, and the greater / smaller the charge the more easily polarized.	
	For cations the larger / smaller the ion the greater the polarizing power, the greater / smaller the charge the greater the polarizing power.	
3.	Based on fajan's rule state and explain which of the following pairs of ionic compounds would be more ionic.	
	i) LiCl or NaCl	
	ii) K ₂ O or K ₂ S	
	iii) MgBr ₂ or NaBr	
	iv) CaO or CaF ₂	