helium but	rgery. In one ffer gas yields 308 nm light a	metastable XeCl molecu nd dissociate into Xe and	al discharge through H iles, described like an d Cl atoms.	ion pair. These	
	element	Ionisation energy / kJ mol <sup>-1</sup>	Electron affinity / kJ mol <sup>-1</sup>	]	
	Xe	1170.4	_		
	Cl	1251.1	-349		
What energions?	gy, in eV, is re	equired to convert a pair	of Xe and Cl atoms in	to $Xe^+$ and $Cl^-$	
		Answe	er:		
What ener	gy (in eV) is re	Answe eleased when the XeCl n	er: nolecules emit ultravio	let light?	
What ener	gy (in eV) is re	Answe eleased when the XeCl n	er: nolecules emit ultravio	let light?	
What ener	gy (in eV) is r	Answe eleased when the XeCl n	er: nolecules emit ultravic	let light?	
What ener	gy (in eV) is re	Answe eleased when the XeCl n	er: nolecules emit ultravic	let light?	
What ener	gy (in eV) is r	Answe eleased when the XeCl n	er: nolecules emit ultravic	let light?	
What ener	gy (in eV) is r	Answe eleased when the XeCl n	er: nolecules emit ultravic	let light?	
What ener	gy (in eV) is r	Answe eleased when the XeCl n	er: nolecules emit ultravic	let light?	
What ener	gy (in eV) is r	Answe eleased when the XeCl n	er: nolecules emit ultravio	let light?	
What ener	gy (in eV) is r	Answe eleased when the XeCl n	er: nolecules emit ultravio	let light?	

## THIS QUESTION CONTINUES ON THE NEXT PAGE.

