	e of the isotopes of uranium is uranium-238 (238 ₉₂ U).						
(a)	Sta	te what is meant by <i>isotopes</i> .					
(b)							
(b)	/ 13	a nucleus of uranium-238, state					
	(i)	the number of protons,					
			number =				
	(ii)	the number of neutrons.					
			number =				
(c)	A uranium-238 nucleus has a radius of 8.9×10^{-15} m.						
	Calculate, for a uranium-238 nucleus,						
	(i)	its mass,					
	()	,					
			mass = k				
	(ii)	its mean density.					

atom.			