1		Define <i>density</i> .		
		Explain how the difference in the densities of solids, liquids and gases may be related to the spacing of their molecules.		
			[2]	
	(c)			
		(i)	Calculate the density, in $kgm^{-3},$ of the material from which the paving slab is made.	
			density = kg m ⁻³ [2]	
		(ii)	Calculate the maximum pressure a slab could exert on the ground when resting on one of its surfaces.	
			pressure = Pa [3]	