Name:	Date:	Course:	Professor:		
A5a Prelab: Atomic Line Spectra and Energy					
MPORT	777	uctions before answe	ering questions		
1. If you observe a photon of light with a wavelength λ = 520 nm what is its frequency (use equation 1 from the lab)?					
2.	Write the equation to calculat	e the energy levels for a h	nydrogen atom		
3.	3. Calculate the energy levels for n = 1 to n = 7				
	n	E_n			

n	E_n