c = _____: speed of _____

Bohr's Energy L	<u>evels</u>					
• Electrons in						
•	energy levels:			to		
•	energy levels:		from _			
Ground State	e: in					
	possible					
Excited Atom						
Atom has						
•	state is	_				
•	soonsame	e amount of				
•	seen as					
Wave Description	on of Light:					
Wavelength ():	_ between				
on	waves					
Frequency (): the	of		passing a given		
	in a given					
c =						

Lesson 31: Electrons in the Atom Notes (cont.) Chemistry with Lab

	iple problem it is the frequ		ht if the wa	velength	is 6.0 x 1	.0 ⁻⁷ m?	
	nple problem at is the wave		ight if its fro	equency	s 5.0 x 10) ¹⁴ Hz?	
	ticle Descri				called		
E =							
<u>The</u>	Modern Vie	ew of Ligh	<u>t</u>				
		_ has a					
•	Light may _		as a				
•	Light may _		as a		of _		called
		_ or					
<u>Spe</u>	ctroscopy						
•		_ lines rep	resent			as	
	returns to _						

Lesson 31: Electrons in the Atom Notes (cont.) Chemistry with Lab

•	lines	an		
• Calle	d the		of an	
<u>Orbital</u>				
	of	where an	is	
to be				
The Cher	mistry Quiz			
CR1	CR2	_ 1 2	3	
4	5			