Electromagnetic	

CAeMis+ry: http://genest.weebly.com



ANSWEES Name____

fter-hours quest	ion? Email me at home	e: eagenest@madisan.	k12.wi.us	all a		CELESTIAL .	
1. Write a) iro		charge symbol t	ving ions	c) ox	c) oxide		
	the number of 1+ 47	protons in eac	h:	c) Li+	3	MAN CONTRACT	
b) Li	3			d) F 9	THE EN		
a)	oxygen bromine + potassium the number of 12 p 13 n 12 p 13 n the missing or	protons, neutrons 10 e Mg² 12 e Mg 10 e O² colors of visible le of Electroma	ons, and elect with an atomic with an atomic with an atomic light in this tab	d) 2+ e) 3+ f) 2+ rons in each ic mass numb c mass numb c mass numb ole of electro	nber of 25 per of 25 per of 18 magnetic rac	diation:	
Leg	orange	yellow	green		indigo	Violet	
Least energy Answer th	ne next two questi	ons by marking <	: , =, or >.			Most energy	
	6. The energy of	a green photon	>	, the enc	rgy of a orange ph	oton	
	7. The energy of	f a green photon	>	The ene	rgy of radio waves		
	or planet. { pris	parts of a mac m, telescope, + e \ e s ce	distant star,	observer, sp	pectrum }	are in a distant	

413-0-	CONTRACTOR SECRETARIAN	ddio, u	Table of Electromagnetic radiation – showing all forms, including, at the middle, the colors of visible light							
Micro	infra red	RO	? ? B	? ? 1 V	Violet	X-	Ray	Gamm		
								Most	,	
ook like for a	hot glowin	gen. In ng subs	the bi	ank, ti that co	nird box, sk ontains only	etch w hydro	vhat th ogen a	ne spectr and pota	rum	
			and the second		deroki (Name of the last		
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answithere	1	0 (6)	No.		and to mit		1	11	2	
- 11	1				with the		-	11		
y to analyze. Y	ou have no	idea who	at is in th	ne tube:	s so you heat	them a	and ohts	ain the fall	owi ve i	
						11-5				
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	answithere spectra below wy to analyze. Ysion spectra. V	answithere spectra below were taken fry to analyze. You have no sion spectra. What substanto.)	st three rectangles below show ium, helium, and hydrogen. In ook like for a hot glowing substance spectra below were taken from som y to analyze. You have no idea whision spectra. What substance(s) d (0.)	st three rectangles below show the end ium, helium, and hydrogen. IN the blook like for a hot glowing substance answere the spectra below were taken from some unknown to analyze. You have no idea what is in the sion spectra. What substance(s) do you thing.	st three rectangles below show the emission ium, helium, and hydrogen. IN the blank, the ook like for a hot glowing substance that contains a hot	st three rectangles below show the emission spectra frium, helium, and hydrogen. IN the blank, third box, sk ook like for a hot glowing substance that contains only answriter. Spectra below were taken from some unknown samples that have you to analyze. You have no idea what is in the tubes so you heat sion spectra. What substance(s) do you think are in each tube?	st three rectangles below show the emission spectra from putum, helium, and hydrogen. IN the blank, third box, sketch vook like for a hot glowing substance that contains only hydrogen. In the spectra below were taken from some unknown samples that have been by to analyze. You have no idea what is in the tubes so you heat them a sion spectra. What substance(s) do you think are in each tube? (Use to 10.)	st three rectangles below show the emission spectra from pure sa um, helium, and hydrogen. IN the blank, third box, sketch what the ook like for a hot glowing substance that contains only hydrogen a same that contains only hyd	Most energy st three rectangles below show the emission spectra from pure samples of ium, helium, and hydrogen. IN the blank, third box, sketch what the spectrook like for a hot glowing substance that contains only hydrogen and potational potations of the state of	

Things you should memorize from todays classnotes: The order of the forms of electromagnetic rediation. The relative energy of their photons.