

Physics Interactive Quiz : Atomic Energy levels Name:

#	4	question	Answer	0 <--score
# 1	6	is the energy level an electron falls from. Find the energy of this level in the Hydrogen atom		0
# 2	2	is the level the electron lands at. Find the energy of this level		0
# 3	2	calculate the difference in these two levels, in electron volts		0
# 4	120	calculate the wavelength of the light emitted by this transition in angstroms		0
# 5	120	find the degrees this should be on a screen if $d = 1.89 \text{ ee-6 meters}$		0
# 6	120	if the baseline is 40 cm, find the distance (x) from the center in cm		0
# 7	160	is this visible, infrared or ultraviolet light?		0
# 8	160	If the electron landed at level 1, what sort of light would this be?		0
# 9	160	if the electron landed at level 3 what sort of light would it be?		0
# 10	160	if the electron falls from even higher than question 1 above, would the color be more red or violet?		0

Extra Credit: