Wavelength and Frequency Worksheet	Name: Date:
Please answer all questions as completely as p equations. Don't forget your units.	ossible showing all work and
1) What is the frequency of green light, wh	nich has a wavelength of 4.90*10 ⁻⁷ m?
2) An x ray has a wavelength of 1.15*10 ⁻¹⁰ r	n. What is its frequency?
3) What is the speed of an electromagnetic 7.8*106Hz?	wave that has a frequency of
4) A popular radio station broadcasts with the wavelength of the broadcast? (Conv	1 2
5) What is the frequency of an electromagn 4.55*10 ⁻³ m?	netic wave with a wavelength of