

Wavelength, Energy and Frequency

Announcers at a certain radio station say they are broadcasting at "103.2 FM on your dial," meaning that they are transmitting light at a frequency of 103.2 MegaHertz (MHz). What is the wavelength in meters of the radio waves from this station?

You will need a calculator for this problem, and the speed of light, which is 300 million meters per second. You may also need to look up the metric system prefix "Mega" in your chart