1. Calculate the frequency of the violet light that have wavelength of (400nm)?
2. What is the frequency of a green light radiation photon whose wavelength is (555nm)?
3. Calculate the wavelength of a red light with a frequency of 8.4 x 1014
4. A young man whistles in front of a mountain, he hears his echo 3.8s later, knowing that sound travels at 330 m/s , calculate his distance from the mountain
5. A controlled explosion is heard by a subject 2.47 seconds after it is detonated, how far is the subject from the explosion?
6. Why is lightning seen instantly, but is heard with a delay.