

Quiz 2

7. (2 points) As the temperature of an object increases, what does Wien's law say about its dominant emission wavelength?
8. (4 points) What elementary particles is an atom made of? Which are in the nucleus?
9. (5 points) Define wavelength, frequency, period, and velocity for a wave. Describe how they are related.
10. (2 points) What two wavebands reach us on the surface of the Earth?
11. (5 points) Draw the Earth along with its polar circles, tropics, and equator.