1. If the average temperature of a star decreased, the wavelength of peak solar emission would: (1) shift to a longer wavelength, (2) shift to a shorter wavelength, (3) remain the same, (4) impossible to tell from given information

2. If the average temperature of the sun increased, the wavelength of peak solar emission would: (1) shift to a longer wavelength, (2) shift to a shorter wavelength, (3) remain the same, (4) impossible to tell from given information

3. The sun emits the greatest intensity of radiation in the _______ visible _________ portion of the spectrum.

4. In what portion of the electromagnetic spectrum does Earth emit the greatest intensity of radiation?

   Infrared (IR)

5. With greenhouse gases at present-day levels, the globally averaged surface temperature on Earth is approximately _____15____ degrees Celsius.