

**USING SCIENCE SKILLS**

Use the skills you have developed in the chapter to answer each question.

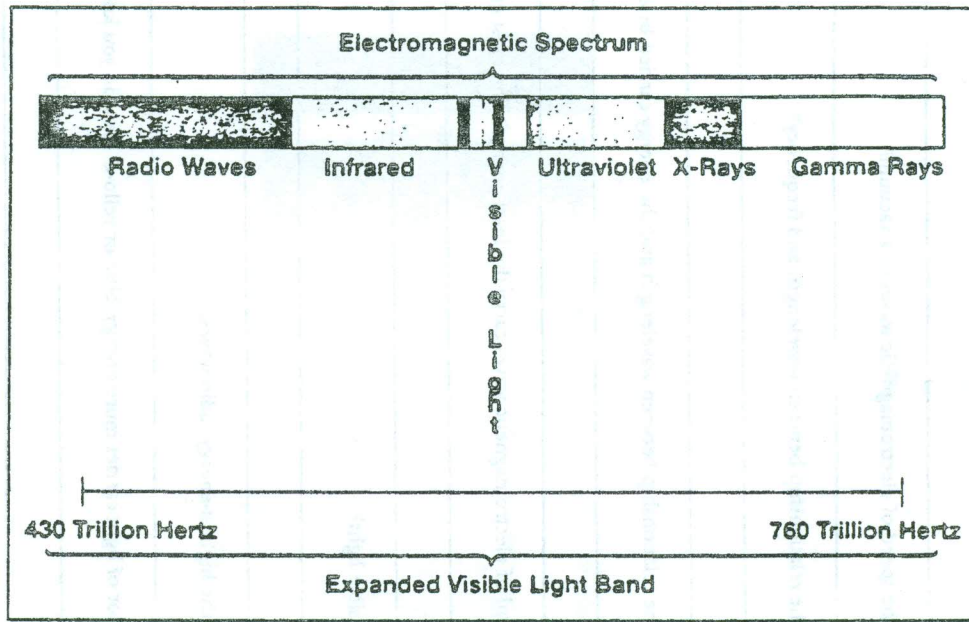


Figure 5

61. Identify the part of the electromagnetic spectrum in Figure 5 to which your eyes are most sensitive. \_\_\_\_\_
62. What is represented by the expanded visible light band in Figure 5? \_\_\_\_\_
63. Where on the electromagnetic spectrum in Figure 5 is the greatest amount of photon energy found? Where on the expanded visible light band? Explain your choices. \_\_\_\_\_  
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64. Which part of the visible spectrum in Figure 5 has the longest wavelength? Explain your choice. \_\_\_\_\_
65. In Figure 5, which part of the electromagnetic spectrum has the shortest wavelength? \_\_\_\_\_
66. In Figure 5, which part of the electromagnetic spectrum is used to see bones inside the human body? \_\_\_\_\_
67. In Figure 5, which part of the electromagnetic spectrum is used primarily for communication? \_\_\_\_\_