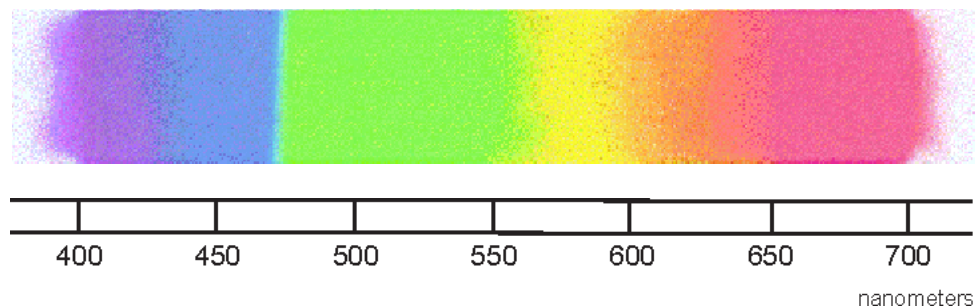
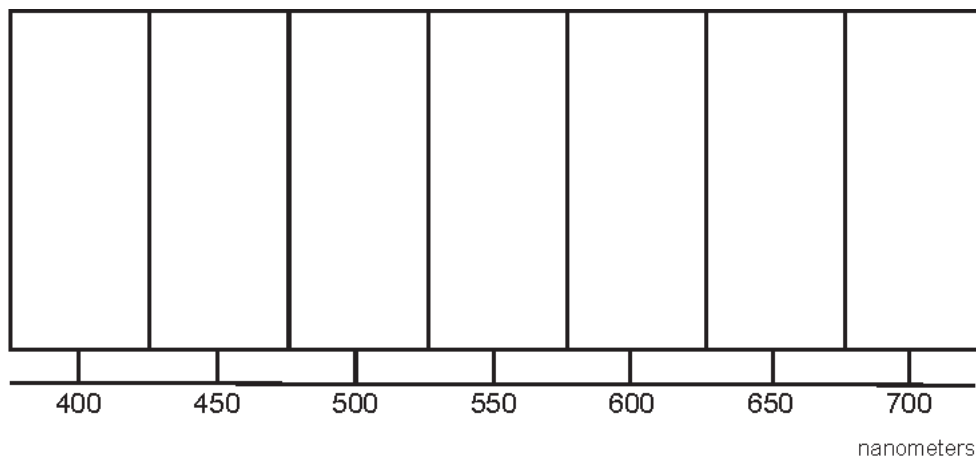


Worksheet 1

THE VISIBLE SPECTRUM

Visible light waves are the very smallest part of the electromagnetic spectrum and are the only wavelengths visible to the naked eye. Colors within the visible spectrum range from the red wave wavelengths, which are just above the invisible infrared, to violet. The red wavelengths are the longest, being diffracted the most, and the violet are the shortest, being diffracted the least.

Use your colored pencils to create the visible spectrum. Observe the example of the spectrum below the diagram when coloring yours.



The example is taken from the web page, "The Basics of Light" at the URL:
<http://violet.pha.jhu.edu/~wpb/spectroscopy/basics.html>