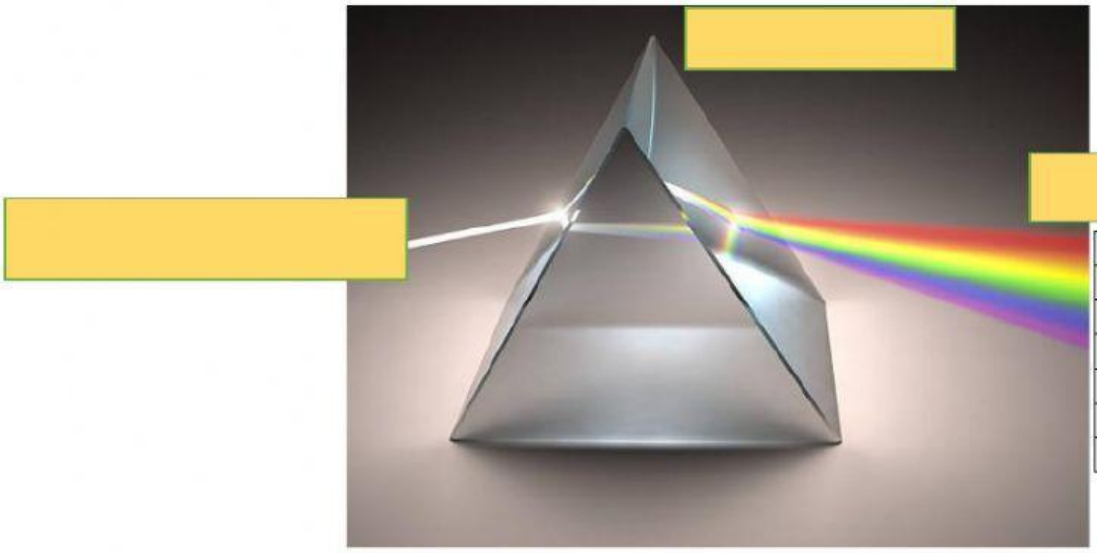
Chapter8: lesson 2 Light Page 448

Lesson 5: Why do we see colors?

1. Label the diagram using the words below:

   Ray of white light Prism A spectrum

2. Colour in the spectrum **remember** red light bends the least, violet bends the most. Write down the names of the colours next to the spectrum.



1.red
2.
3.
4.
5.
6.
7.violet

3. Match

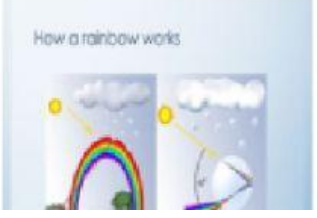
White light
prism
spectrum
Visible light

Band of color in a rainbow
The light that our eyes see
Is a cut piece of clear glass or plastic in the form of triangle
Is a collection of many different wavelengths mixed together (sunlight)

- Visible light waves with longer wavelength look _____
- Visible light waves with shorter wavelength look _____

✓ Why white light that is refracted by raindrops in the sky is spread out into a rainbow?

Because the colors are already in the sunlight that produces the rainbow.



LIVEWORKSHEETS