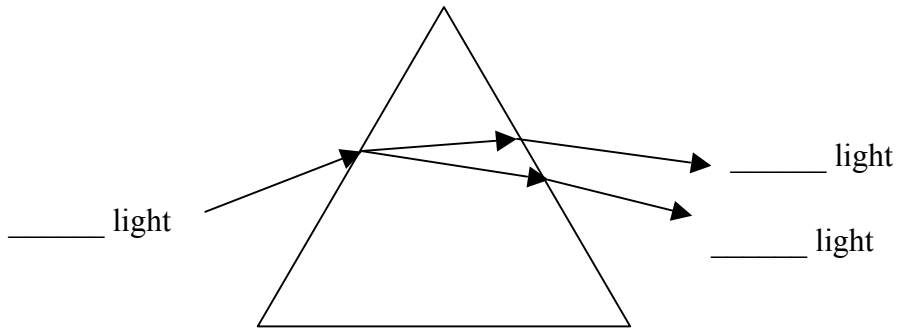


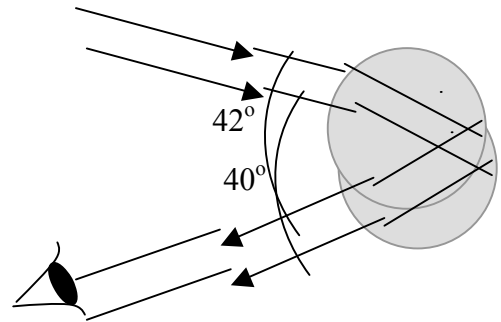
Note Taking Guide - Wave Interactions - Part 1

prism - separates _____ into the _____ of the visible spectrum

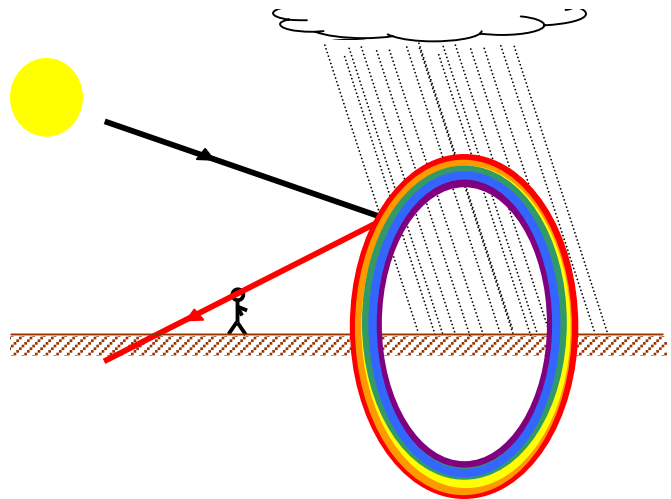


_____ light is a combination of _____ colors of the _____ spectrum.

notes on rainbows -



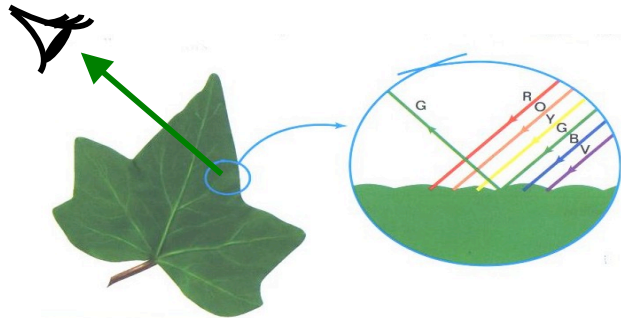
Each H₂O drop act as a _____, separating _____ light into its _____.



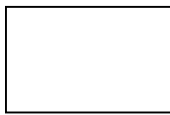
The color of an object depends on-

Objects _____ certain frequencies of light and _____ or _____ the rest.
 _____ objects _____ objects

Why does a green leaf look green?



If no frequencies of light are absorbed, we see _____.



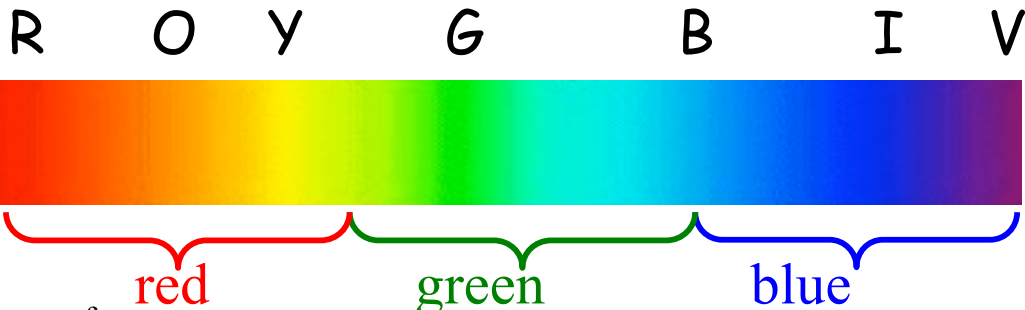
White _____ all colors.

If all frequencies of light are absorbed, we see _____.

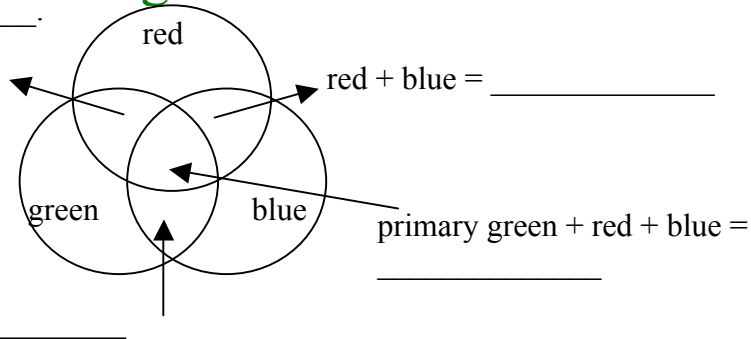


_____ reflects no colors.

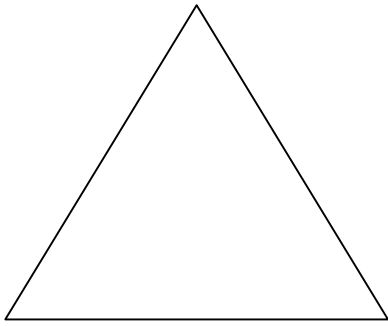
primary colors - _____ Primary colors are _____ chromatic.



Colors are beams of _____.
 red + green = _____



Primary colors are called _____ colors, because they add up to _____.



Fill in the colors on the triangle.

_____ colors

_____ + _____ = white

What is the complement of green? _____

(Complements are located _____ from each other on the color triangle.)

Examples-

- Pixels on a TV are beams of light that glow _____, _____, or _____ . When all three light up, you see _____ . When red and green light up, you see _____ .
- _____ in a theater are made of _____, _____, and _____ lights.

Problem Set #1: (1-6)