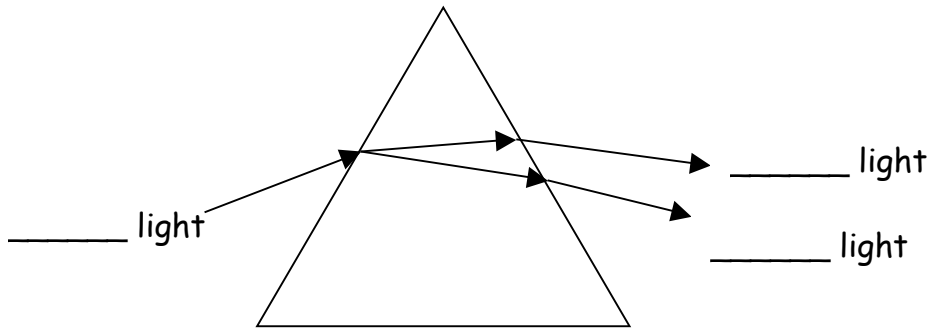


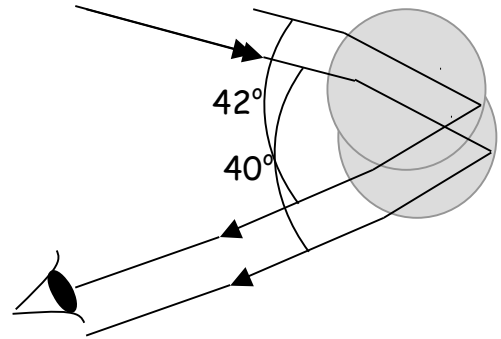
Note Taking Guide - Episode 1303 - Part 1

prism - separates _____ into the _____ of the visible spectrum

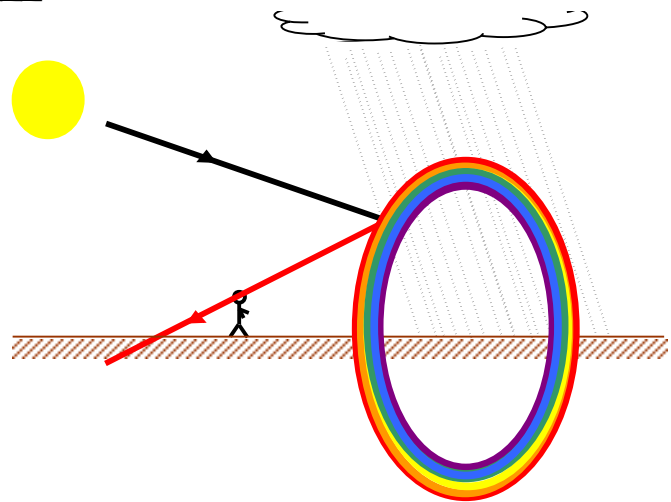


_____ light is a combination of _____ colors of the _____ spectrum.

notes on rainbows -



Each H_2O drop act as a _____, separating _____ light into its _____.



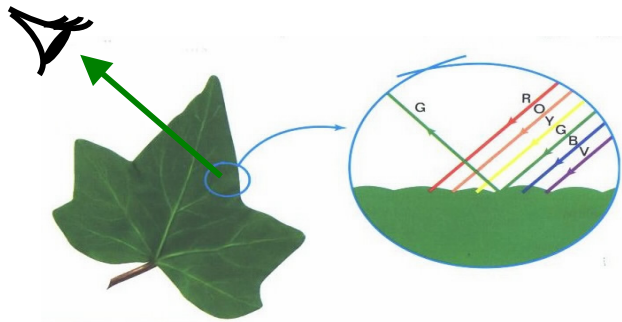
Note Taking Guide - Episode 1303 - Part 1

How We See Color

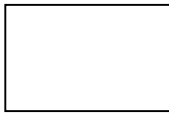
The color of an object depends on-

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 _____.



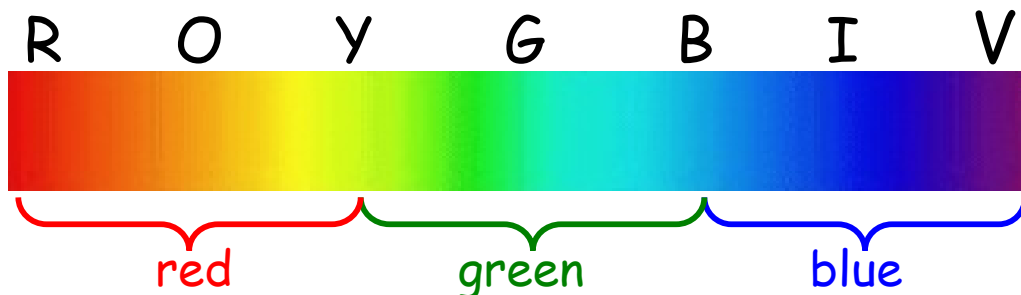
If all frequencies of light are absorbed,
we see _____.



White _____ all colors.

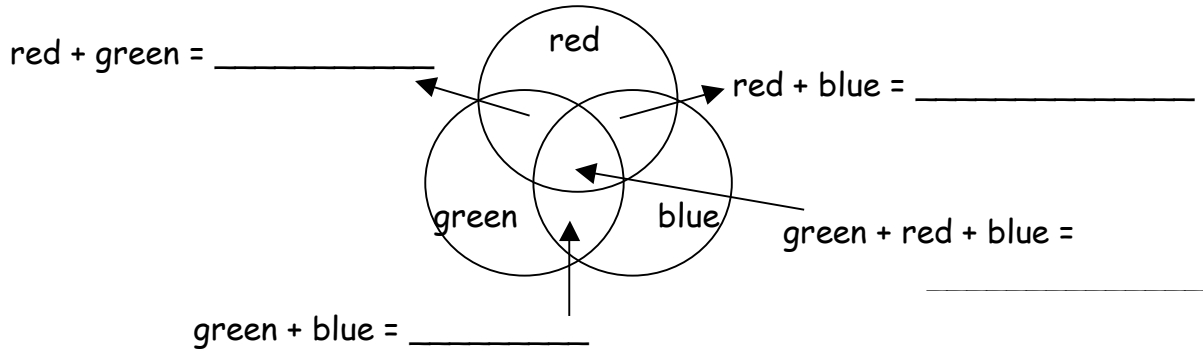
_____ reflects no colors.

primary colors - _____ Primary colors are _____chromatic.

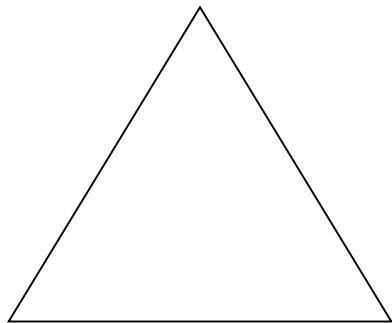


Note Taking Guide - Episode 1303 - Part 1

Colors are beams of _____.



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)