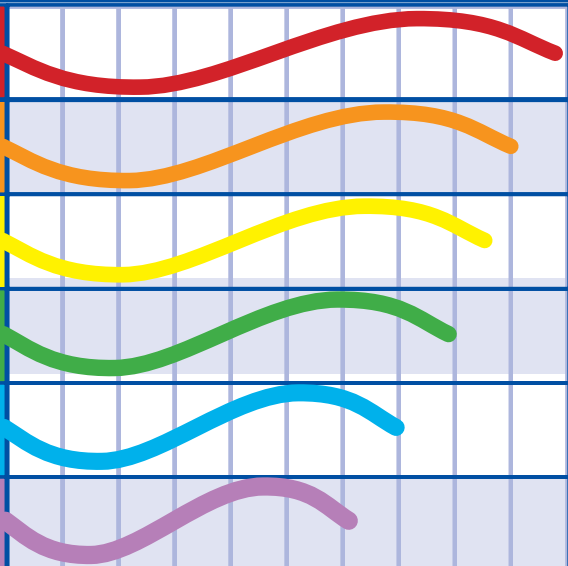


Wavelength and Frequency of Light

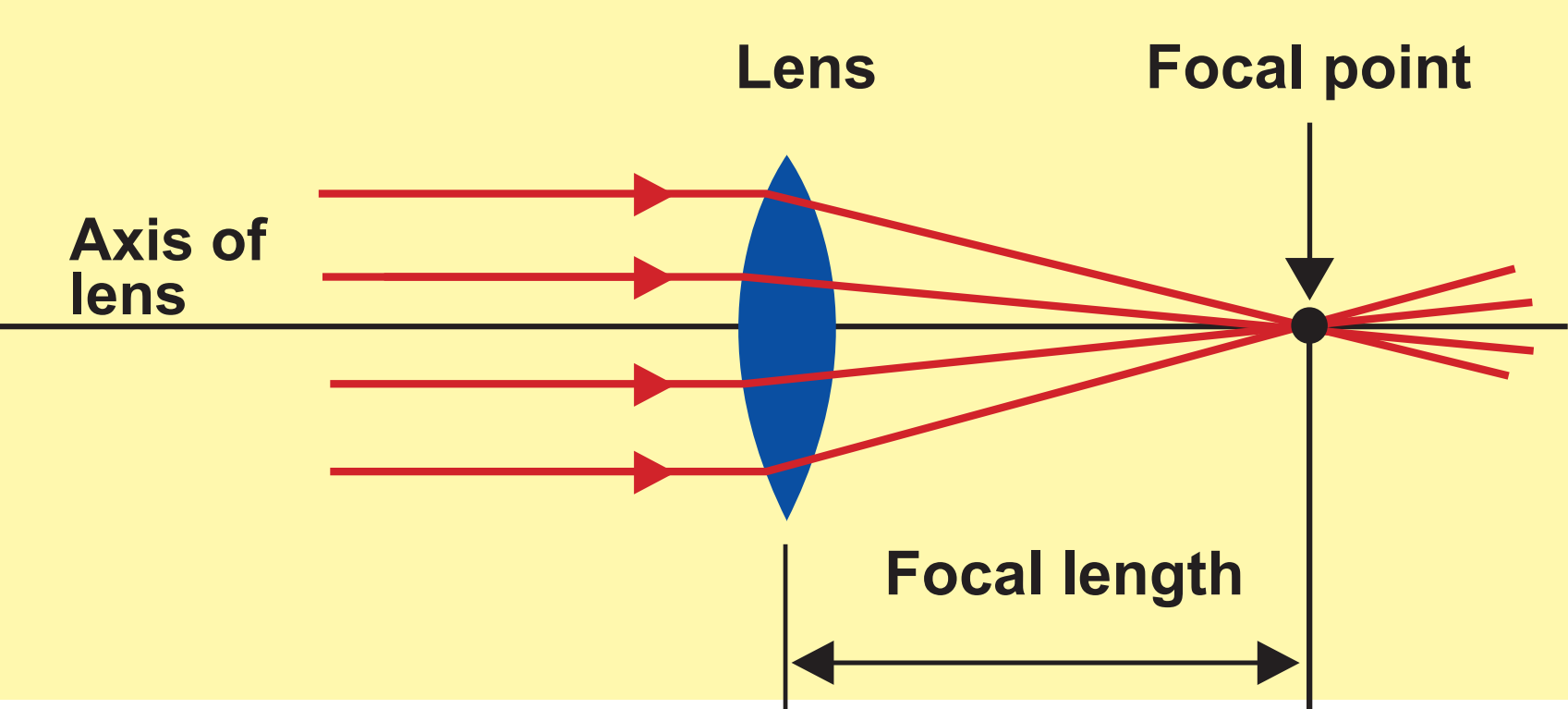
Color	Wavelength (nanometers)	Frequency (THz)
Red	650	462
Orange	600	500
Yellow	580	517
Green	530	566
Blue	470	638
Violet	400	750

A diagram illustrating the visible light spectrum. It features a grid of vertical lines. Six colored wavy lines represent light waves of different colors: Red (top), Orange, Yellow, Green, Blue, and Violet (bottom). The waves are shorter and more compressed for colors with higher frequencies (like Violet) and longer and more spread out for colors with lower frequencies (like Red).

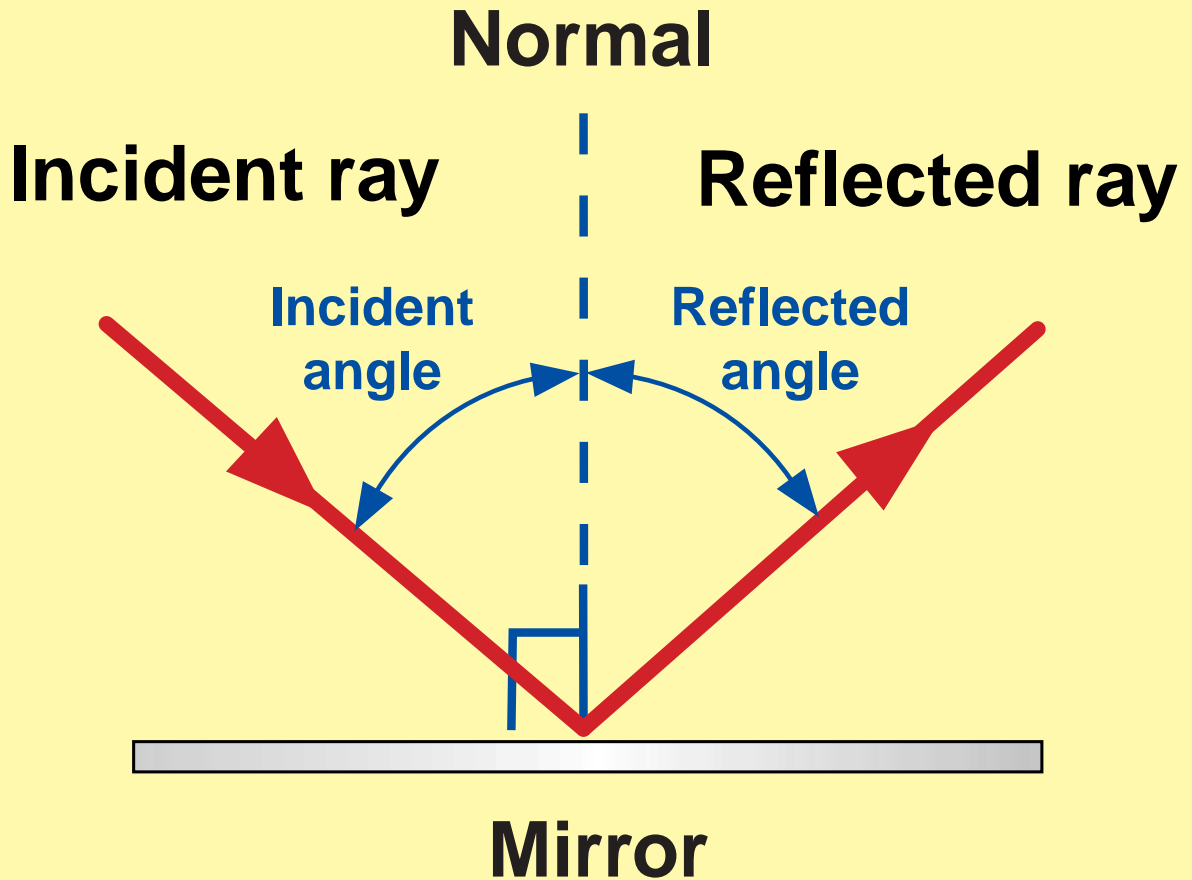
The Three Subtractive Primary Colors

COLOR	ABSORBBS	REFLECTS	
Cyan	Red	Blue	Green
Magenta	Green	Red	Blue
Yellow	Blue	Red	Green

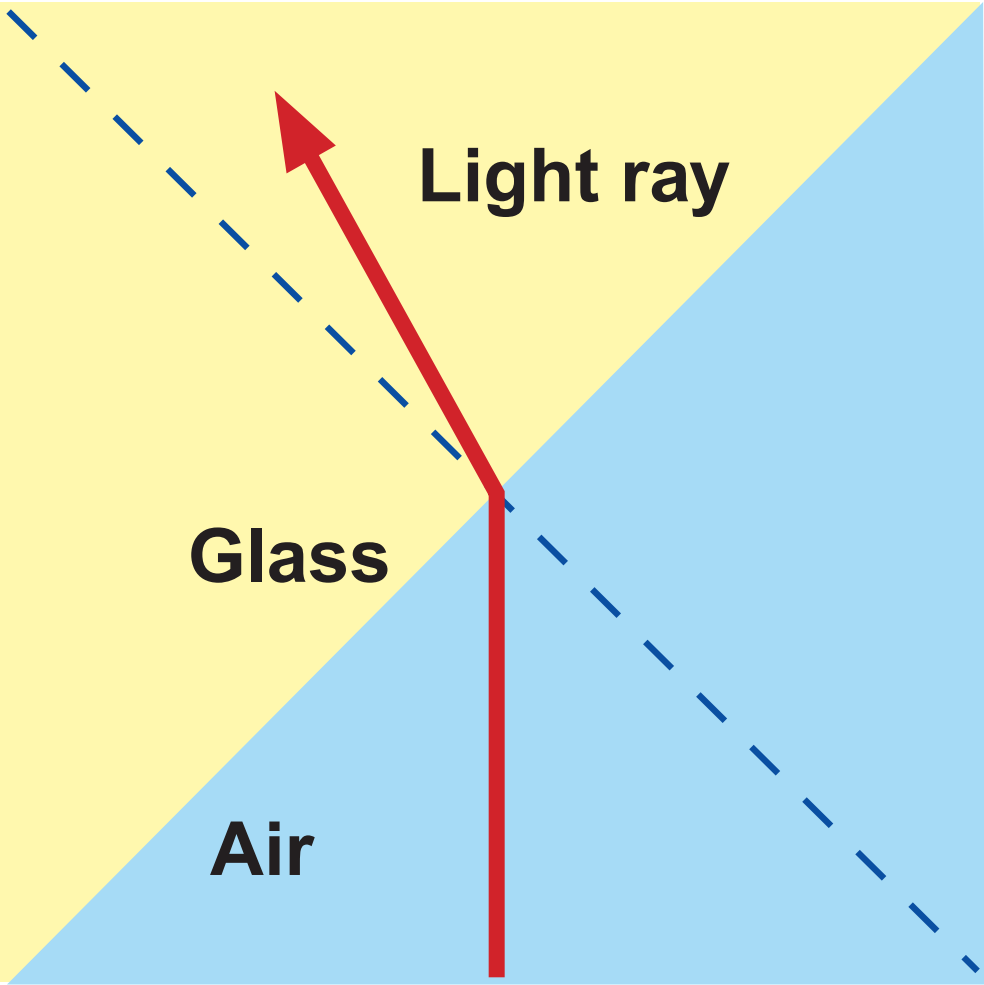
Refraction



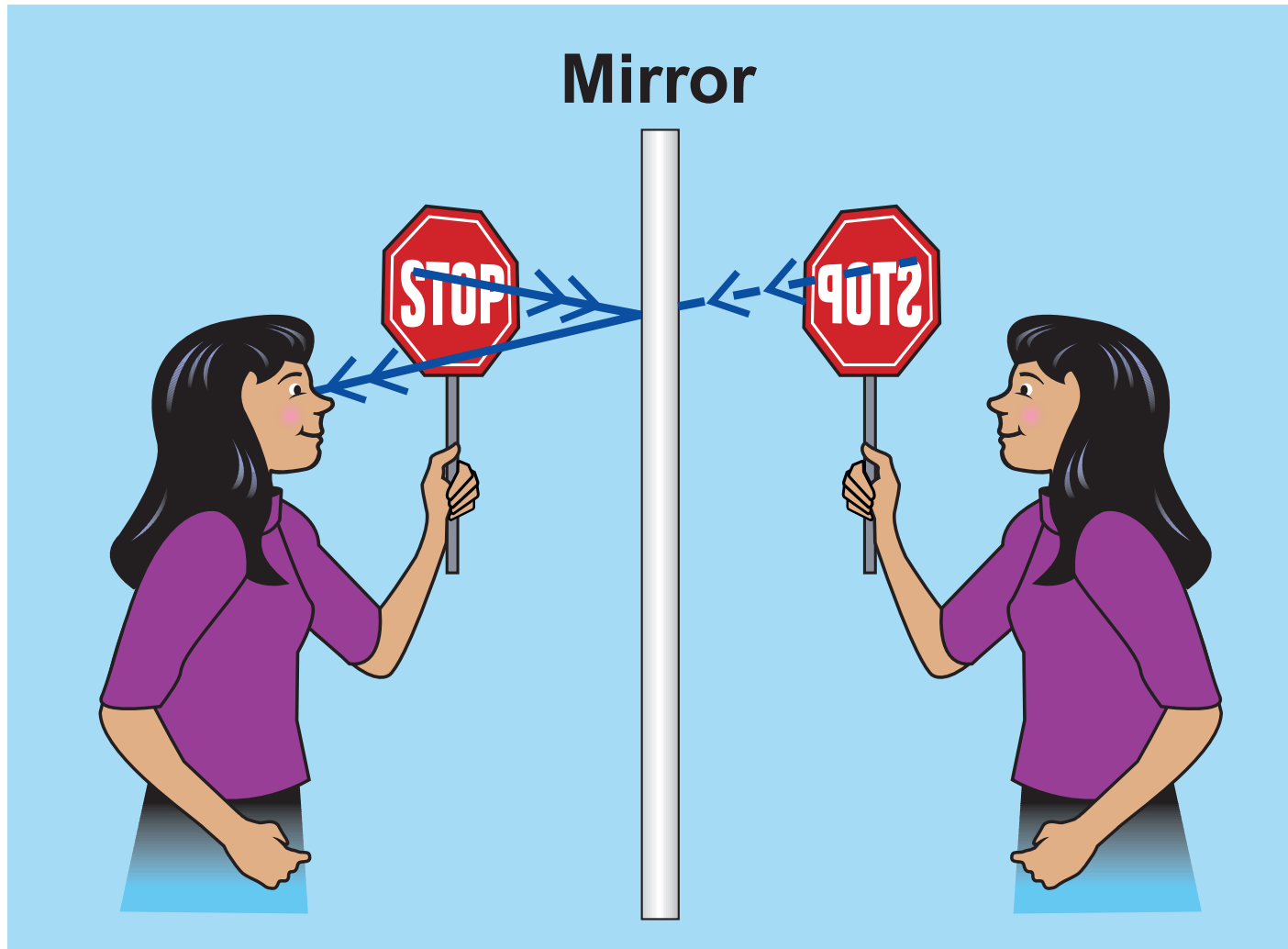
Reflection



Refraction



Reflection



The Ray Diagram

