


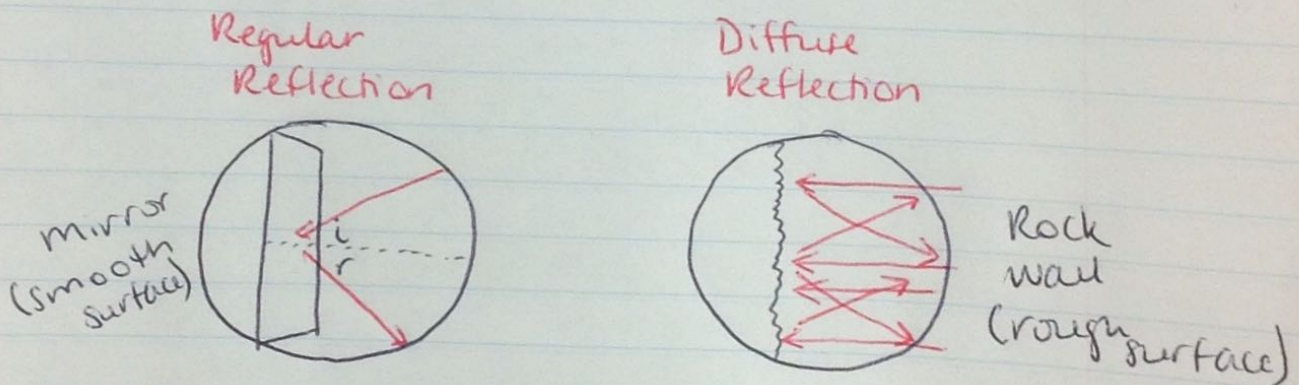


# REFLECTION AND REFRACTION OF LIGHT

Objects must reflect light in order to be seen.

		
<b>opaque</b>	<b>translucent</b>	<b>transparent</b>
does not allow light to pass through - only absorbs & reflects	some light passes through	transmits <del>only</del> almost all light - absorbing and reflecting little

**Law of Reflection** - the angle of incidence ( $i$ ), or where light strikes a surface, is equal to angle of reflection ( $r$ ).



**Refraction of Light** - occurs when wave of light passes from one medium to another and light wave is bent or refracted.

**Index of Refraction** - indicates how much a material reduces the speed of light; the more light slowed, the greater the index of refraction.

