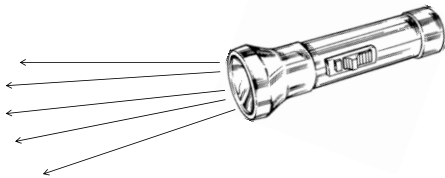


Light as a ray

One way of looking at light is to view it as very small particles (photons) which move in straight lines.

This is called the ray model of light.

A **ray diagram** uses lines with arrows to show the direction light is moving in



Transparent: Light passes through, objects can be clearly seen through transparent materials (e.g. glass.)

Translucent: Most light goes through but is scattered in all directions so that objects can not be clearly seen through translucent materials (e.g. frosted glass.)

Opaque: Absorbs and/or reflects all light, objects can not be seen through opaque materials (e.g. brick walls.)