

Answer on Question #46993-Physics-Optics

The law of reflection states that

light travels in a straight line

light must be reflected into our eyes to be seen

the angle of reflection is equal to the angle of incidence

light striking a rough surface is scattered in all directions

Answer

The angle of reflection is equal to the angle of incidence.

The law of reflection states that when light falls upon a plane surface it is so reflected that the angle of reflection is equal to the angle of incidence. This happens when the incident ray, reflected ray and normal ray all lie in the plane of incidence.