REFLECTION & REFRACTION IN A RAINDROP

Reflection

Incident ray

Raindrop

Air

Refraction
towards the normal

The normal

Reflection

Refraction
away from
the normal

Reflection

Refraction
away from
the normal

Observer sees
deflected ray

An incident ray of white light strikes a raindrop. The path of a red ray is traced through the raindrop as reflection and refraction cause it to be deflected back towards the observer.