

Topic 2: Reflection- Plane Mirrors

Video #1

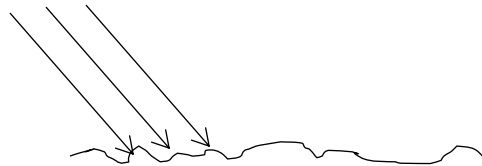
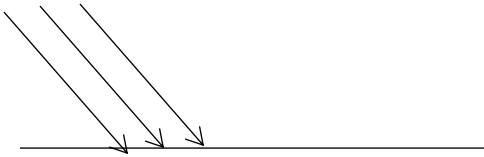


Reflection:

Regular/Specular Reflection:

Diffuse Reflection:

Draw the normals & reflected rays for each diagram

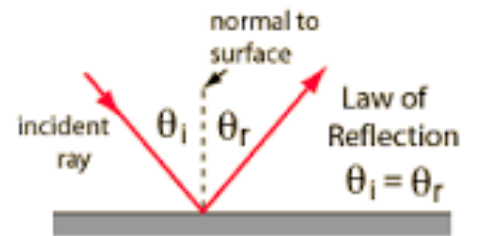


Ray Diagrams for Plane Mirrors

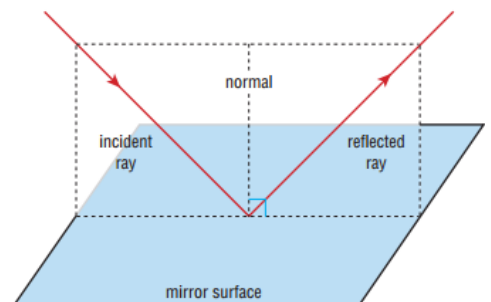


Laws of Reflection


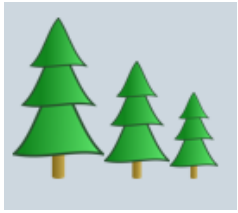



1:



2:



Describing an Image

ORIGINAL IMAGE	S	A	L	T
				

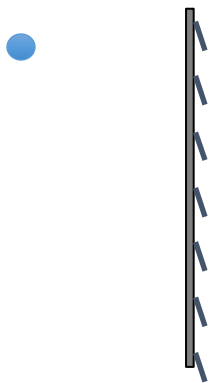
Real Image

Virtual Image

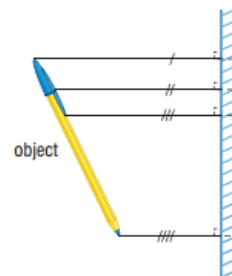
Drawing & Locating Images: *DO NOT* erase incident rays – this was done in the video to simplify the image

Ex 1: Simple

Ex 2: Top & Bottom of an Image



From example 2	Arrow head (cm)	Arrow Tail (cm)
Length from Object to Mirror		
Length from Image to mirror		



Images in Plane mirrors are always:

S:

A:

L:

T: