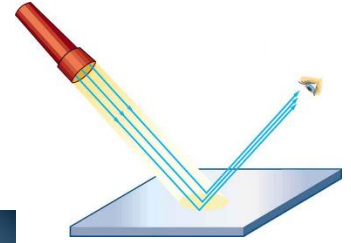


# Topic 4: Reflection - Plane Mirrors



## Reflection:

- Light \_\_\_\_\_ off a \_\_\_\_\_ object



## Regular Reflection:

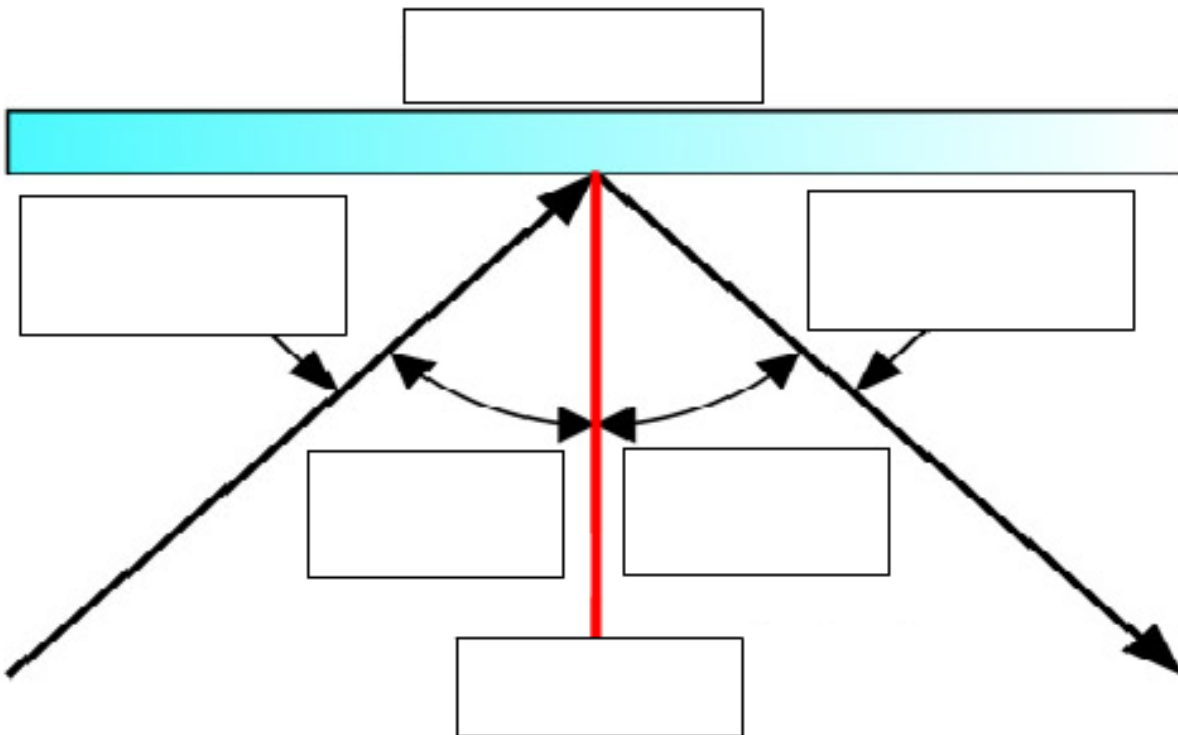
- Light reflects off a \_\_\_\_\_ surface
- Image is \_\_\_\_\_



## Diffuse Reflection:

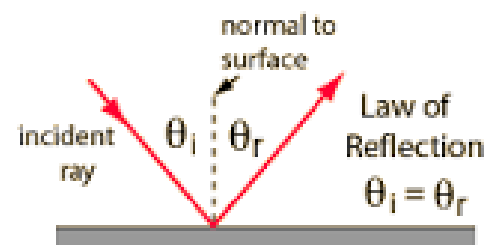
- Light reflects off a \_\_\_\_\_ surface
- Image is \_\_\_\_\_

## Ray Diagrams for Plane (Flat) Mirrors

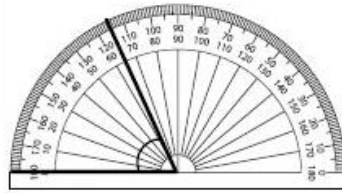
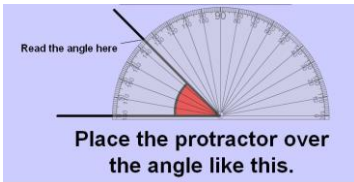


## Law of Reflection

- The angle of \_\_\_\_\_ the angle of \_\_\_\_\_

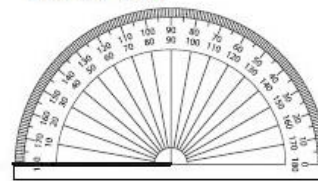


## How to Measure Angles?








Measurement: \_\_\_\_\_

Draw a 72° angle.



## Describing an Image

ORIGINAL IMAGE	S	A	L	T
				

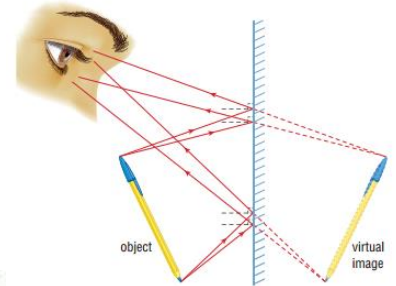
## Real Image

- An image that can be seen on a \_\_\_\_\_
- Light rays are \_\_\_\_\_ there



## Virtual Image

- An images formed by light \_\_\_\_\_ to come from a location
- Light is \_\_\_\_\_ actually coming from the image \_\_\_\_\_
- A \_\_\_\_\_ image



## Images in Plane mirrors are always:

- S: \_\_\_\_\_
- A: \_\_\_\_\_
- L: \_\_\_\_\_
- T: \_\_\_\_\_

