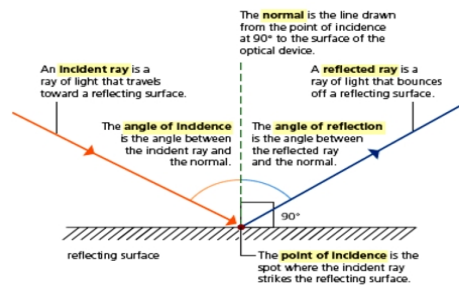


LAB – Reflection and Mirrors

Name: _____ Date: _____ Block: _____

Introduction: We can see our face in the mirror because mirrors are very smooth and shiny. Light bounces, or reflects, off the smooth and shiny surface so that we can see an image. Light reflects from a mirror at the same angle as it arrives.



Curved mirrors (convex and concave mirrors) behave similarly to flat ones, but they cause the reflected light rays to either diverge (spread apart) or converge (come together) when they leave the mirror.

Purpose: To determine how mirrors reflect light in different situations. To also see how concave mirrors and convex mirrors reflect light.

Materials:

- Mirror
- Ray box and baffle
- Paper – white, black, aluminum foil
- Convex and concave mirrors
- Ruler and pencil