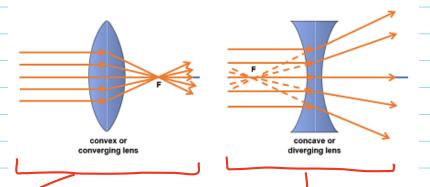
## LENSES

A LENS IS A RECE of CURVED GLASS OR OTHER TRANSPARENT Material. The MATERIAL MUST BE:

-> SMOOTH

-> REFLECT LIGHT REGULARLY (NOT DIFFUSE)
So THAT WE CAN PREDICT REFLECTION



## CONVEX LENS-

· Curves outwareds; Thicker @ center

> rays are refracted to a focal point

Focal Point Lie

VARIES BASED

on intensity
of cueve

(ONCAVE

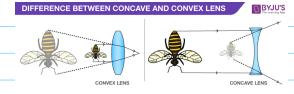
Light Rays NEVER MEET

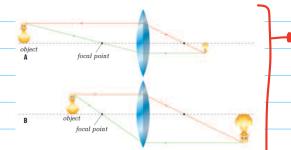
@ a Focal point

Thinner@ center than@edges

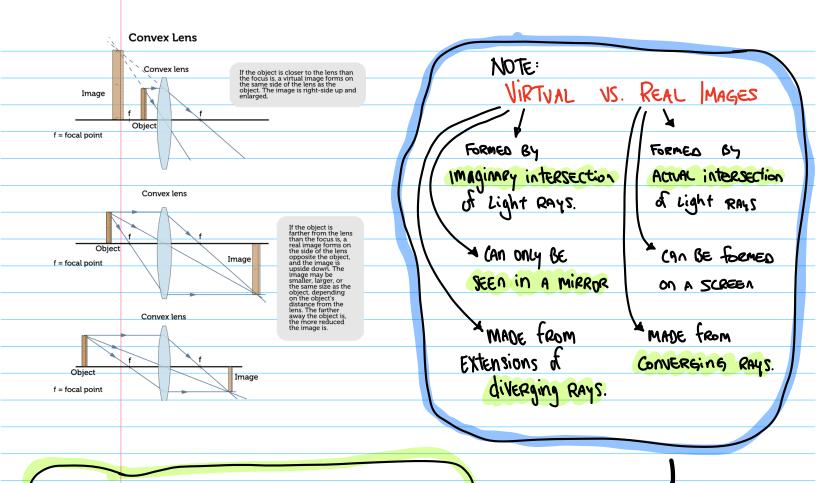
AWAY FROM OTHER
RAYS

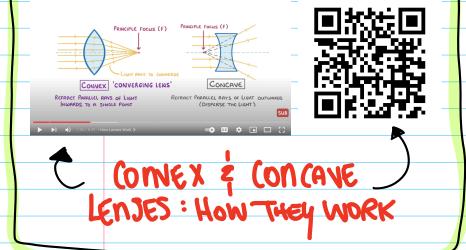
◆ CAN HAVE SINGLE OR DOVBLE CONCAVE LENSES





THE IMAGE FORMED BY A CONVEX LENS
DEPENDS ON HOW FAR THE OBJECT IS
FROM LENS









Distemble Between Reac & Virtual images.