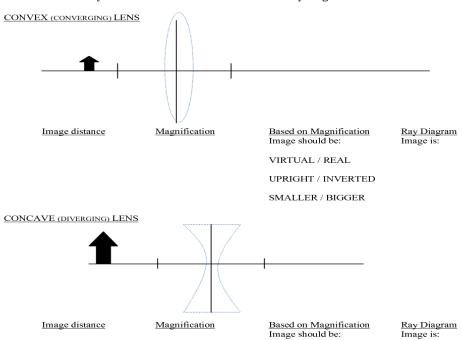
Name		
Physics	Period	CONCAVE/CONVEX LENSES

- I. Draw a ray diagram for each lens. Ray diagrams should be drawn to scale. Use a ruler.

 draw a ray parallel to the center line to the lens THEN through F
 draw a ray through F to the lens THEN parallel to the center line
 draw a ray through center of lens
- II. Lens equation: Measure the object distance (d_o) and focal length (f). Using the lens equation, solve for the image distance (d_i). Using the magnification equation, solve for the magnification of the image. Next, measure the image distance and image height.
 Do your mathematical answers match the ray diagram?



VIRTUAL / REAL

UPRIGHT / INVERTED

SMALLER / BIGGER