

Part one:

θ_i	θ_a	θ_p	n_p

$$(n_p)_{ave} = \underline{\hspace{2cm}}$$

Sample calculation of n_p :PART TWO:Converging Lens:

2) $d_o = \underline{\hspace{2cm}}$ $d_i = \underline{\hspace{2cm}}$

compute f :

3a) $d_o = \underline{\hspace{2cm}}$ $h_o = \underline{\hspace{2cm}}$

b) compute d_i :

compute h_i :

Should it be erect or inverted?

c) from ray diagram

(attach diagram): $d_i =$ _____ $h_i =$ _____

Should it be erect or inverted?

4) actual image on screen: $d_i =$ _____ $h_i =$ _____

Is it erect or inverted?

Converging mirror:

$d_o =$ _____ $d_i =$ _____

compute f :

$R =$