

Lens Lab Report

Convex Lens

Trial #	Position of Object	Position of Image	Real or Virtual?	Reduced, Enlarged or Same Size?	Erect or Inverted?
1	beyond $2F'$ ($d_o = 40\text{cm}$)	($d_i = \underline{\hspace{1cm}}\text{cm}$)			
2	at $2F'$ ($d_o = 30\text{cm}$)	($d_i = \underline{\hspace{1cm}}\text{cm}$)			
3	between $2F'$ and F' ($d_o = 22\text{cm}$)	($d_i = \underline{\hspace{1cm}}\text{cm}$)			
4	between F' and lens ($d_o = 10\text{cm}$)	($d_i = \underline{\hspace{1cm}}\text{cm}$)			