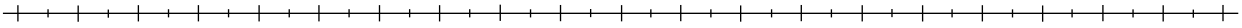
Experiment 1 Ray Diagram & Summary Table

Horizontal Scale: **Vertical Scale:**

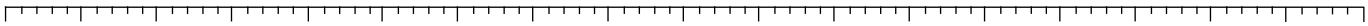


d_o (cm)	h_o (cm)	f (cm)

	Experiment	From $\frac{1}{f}$ math	% Difference $\frac{1}{f}$ math vs Exp.	From Ray Diagram	% Difference Ray Diag. vs Exp.
d_i (cm)					
h_i (cm)					
M					

Experiment 2 Ray Diagram & Summary Table

Horizontal Scale: **Vertical Scale:**



f (cm)	M	d_o (cm) From $\frac{1}{f}$ math Assume this is a given for the experiment	h_o (cm) From source

	Experiment	From $\frac{1}{f}$ math	% Difference $\frac{1}{f}$ math vs Exp.
d_i (cm)			
h_i (cm)			

Experiment 3 Ray Diagram & Summary Table

Horizontal Scale: **Vertical Scale:**

d_o (cm)	h_o (cm)	f_1 (cm)	x (cm)	f_2 (cm)

	Experiment	From $\frac{1}{f}$ math	% Difference $\frac{1}{f}$ math vs Exp.	From Ray Diagram	% Difference Ray Diag. vs Exp.
d_{i1} (cm)	NA		NA		NA
M_1	NA		NA		NA
d_{i2} (cm)					
M_2	NA		NA		NA
$M_{total} = M_1 M_2$					
h_{i2} (cm) $h_{i2} = M_{total} h_{o1}$					