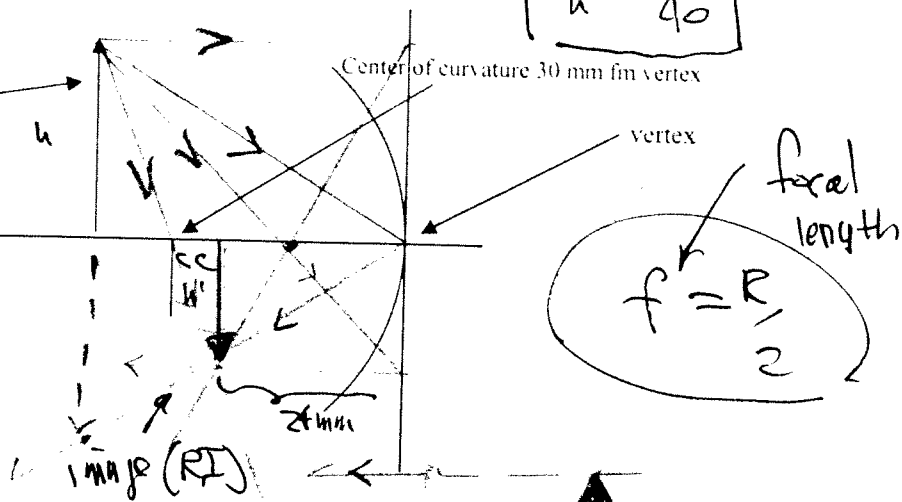


$$\frac{1}{s} + \frac{1}{s'} = \frac{1}{f}$$

$$\frac{h'}{h} = \frac{24}{40}$$

$$\frac{1}{40} + \frac{1}{s'} = \frac{1}{15} \Rightarrow s' = 24 \text{ mm}$$

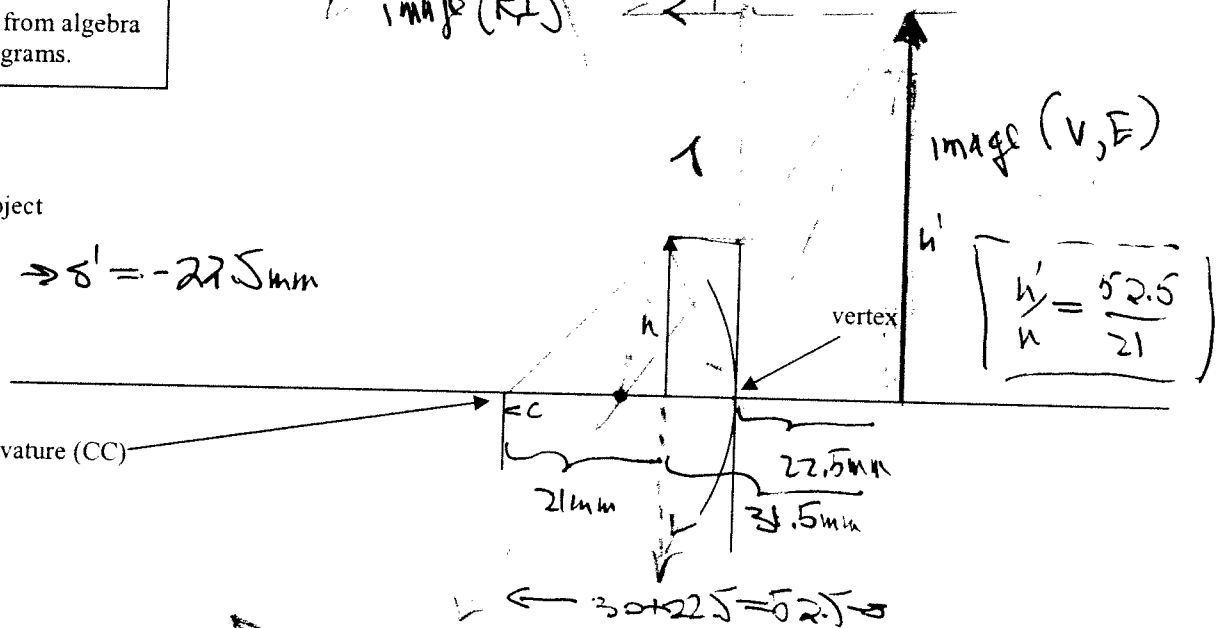
Find image from algebra
And ray diagrams.



9 mm for object
cc: 30 mm

$$\frac{1}{9} + \frac{1}{s'} = \frac{1}{10} \Rightarrow s' = -22.5 \text{ mm}$$

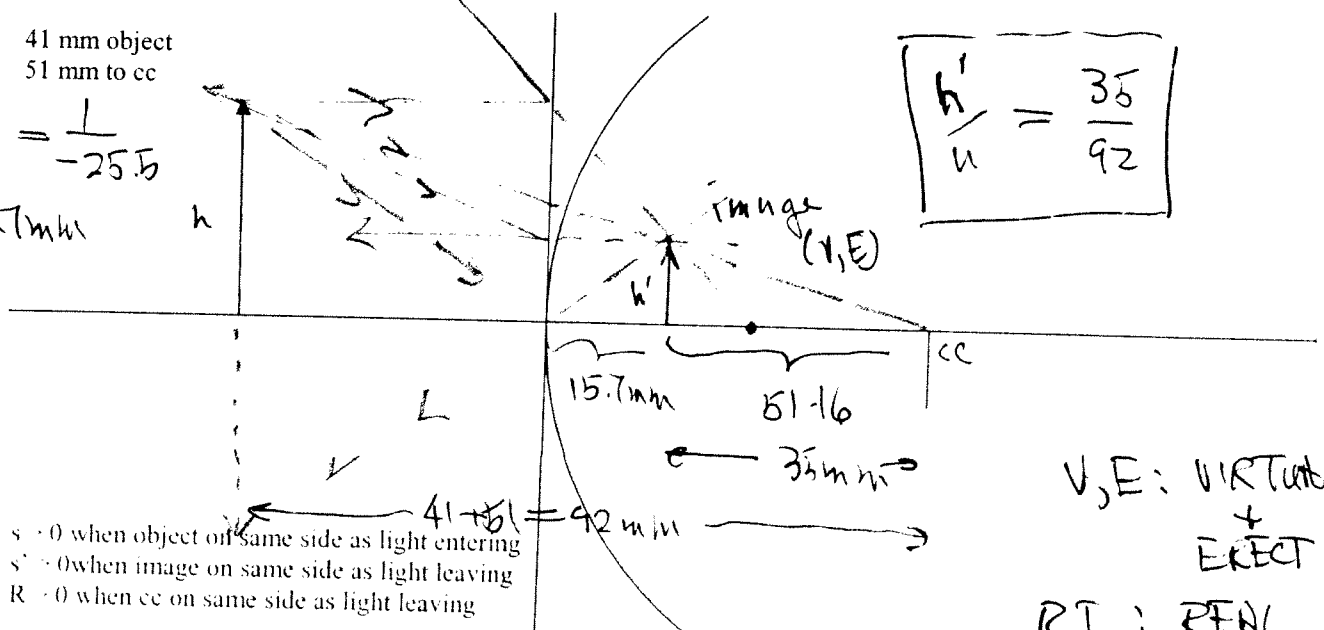
center of curvature (CC)



41 mm object
51 mm to cc

$$\frac{1}{41} + \frac{1}{s'} = \frac{1}{-25.5} \Rightarrow s' = 15.7 \text{ mm}$$

$$\frac{h'}{h} = \frac{35}{92}$$



V,E: VIRTUAL
+
ERECT

R,I: REAL
+
INVERTED