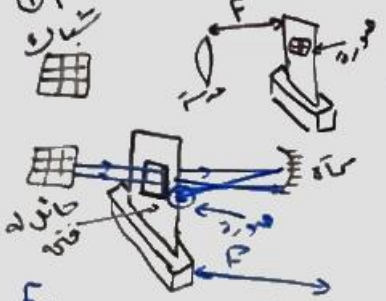


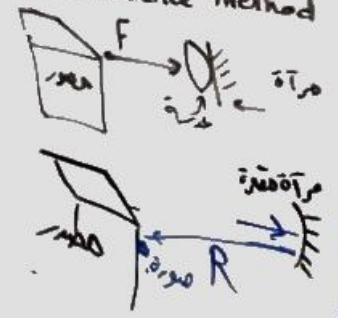
1,2
Convex lens /
Concave mirror

① parallel rays method



$F = \dots \text{cm}$, $P = \frac{100}{F \text{cm}}$ — m

② Coincidence method

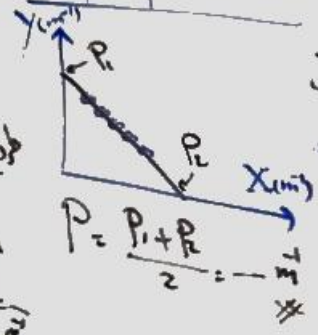


$F = \dots \text{cm}$
 $P = \frac{100}{F}$
 $R = 2F$
 $P = \frac{100}{R}$
 $P = \frac{100}{2F}$

③ General method



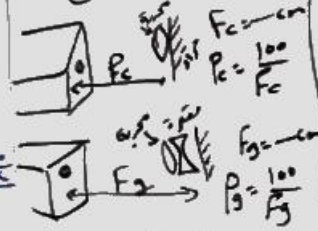
$X = 2F$	$X = \frac{F}{2}$	$X = \frac{F}{2}$
$X = 2F$	$X = \frac{F}{2}$	$X = \frac{F}{2}$



$P = \frac{P_1 + P_2}{2}$

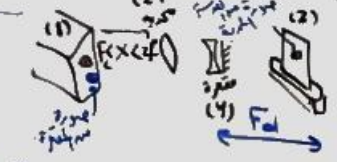
③ Concave lens

① group method

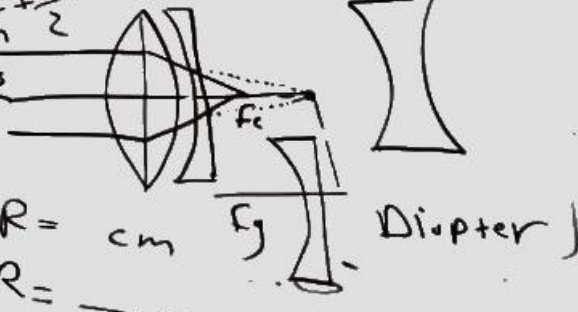
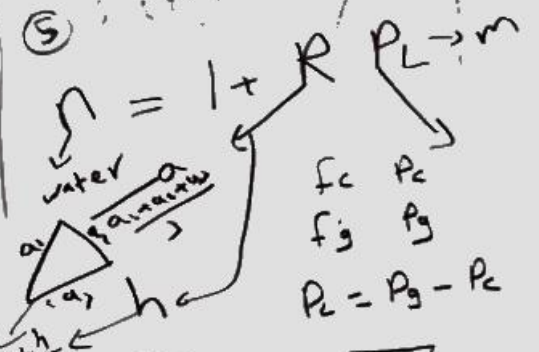
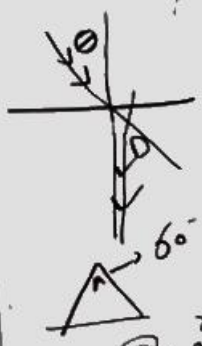


$P_d = P_g - P_c = \dots \text{m}$

② direct method



$F_d = \dots \text{cm}$
 $P_d = \frac{100}{F_d} = \dots$



$h = \frac{\sin \frac{A+D}{2}}{\sin A}$

