Subiectul D. OPTICA

Nr. item	Soluţie/Rezolvare
II.a.	$\frac{1}{x_2}-\frac{1}{x_1}=C_1$ $\beta_1=\frac{x_2}{x_1}$ $x_1=\frac{1-\beta_1}{\beta_1 C_1}$ Rezultat final: $-x_1=30cm$
b.	$f_2=-\frac{R}{n-1}$ Rezultat final: $f_2=-10cm$
c.	$d=\left\|x_1^{'}\right\|+x_2$ $x_2^{'}=\frac{x_1^{'}f_2}{x_1^{'}+f_2}$ Rezultat final: $-x_2^{'}=8cm$
d.	$\beta=\beta_1\beta_2$ $y_2=\beta_1\frac{x_2^{'}}{x_1^{'}}y_1$ Rezultat final: $-y_2=4cm$