

Mirror with Index n

Mirror of curvature C in an index n

$$\phi = (n' - n) C$$

$$n' = -n$$

$$\phi = -2nC$$



ϕ pos

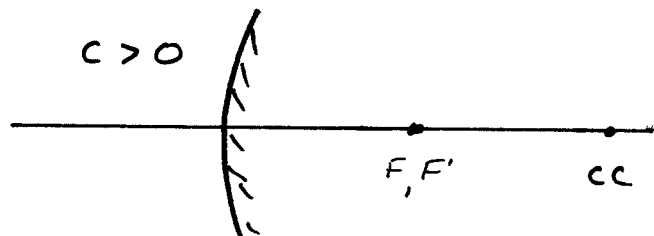
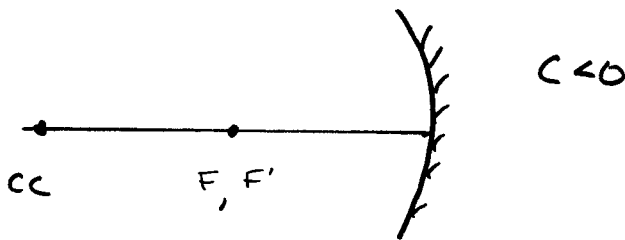


ϕ neg

$$f'_R = \frac{n'}{\phi} = \frac{-n}{-2nC} = \frac{1}{2C}$$

Independent of n

$$f_F = -\frac{n}{\phi} = \frac{-n}{-2nC} = \frac{1}{2C}$$



Note: $f_e = f = \frac{1}{\phi} = \frac{-1}{2nC}$ depends on n .