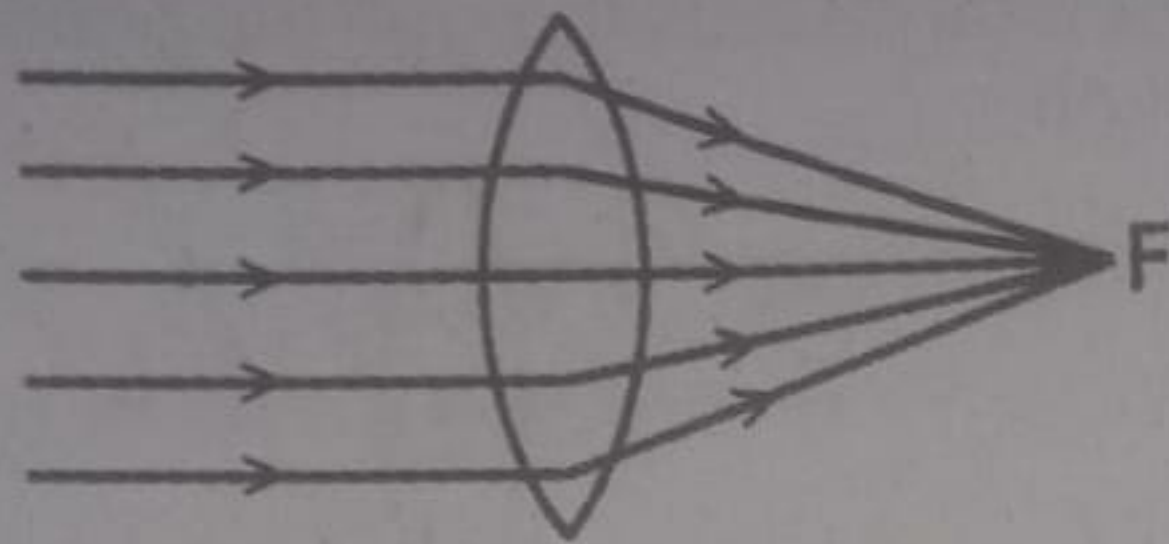
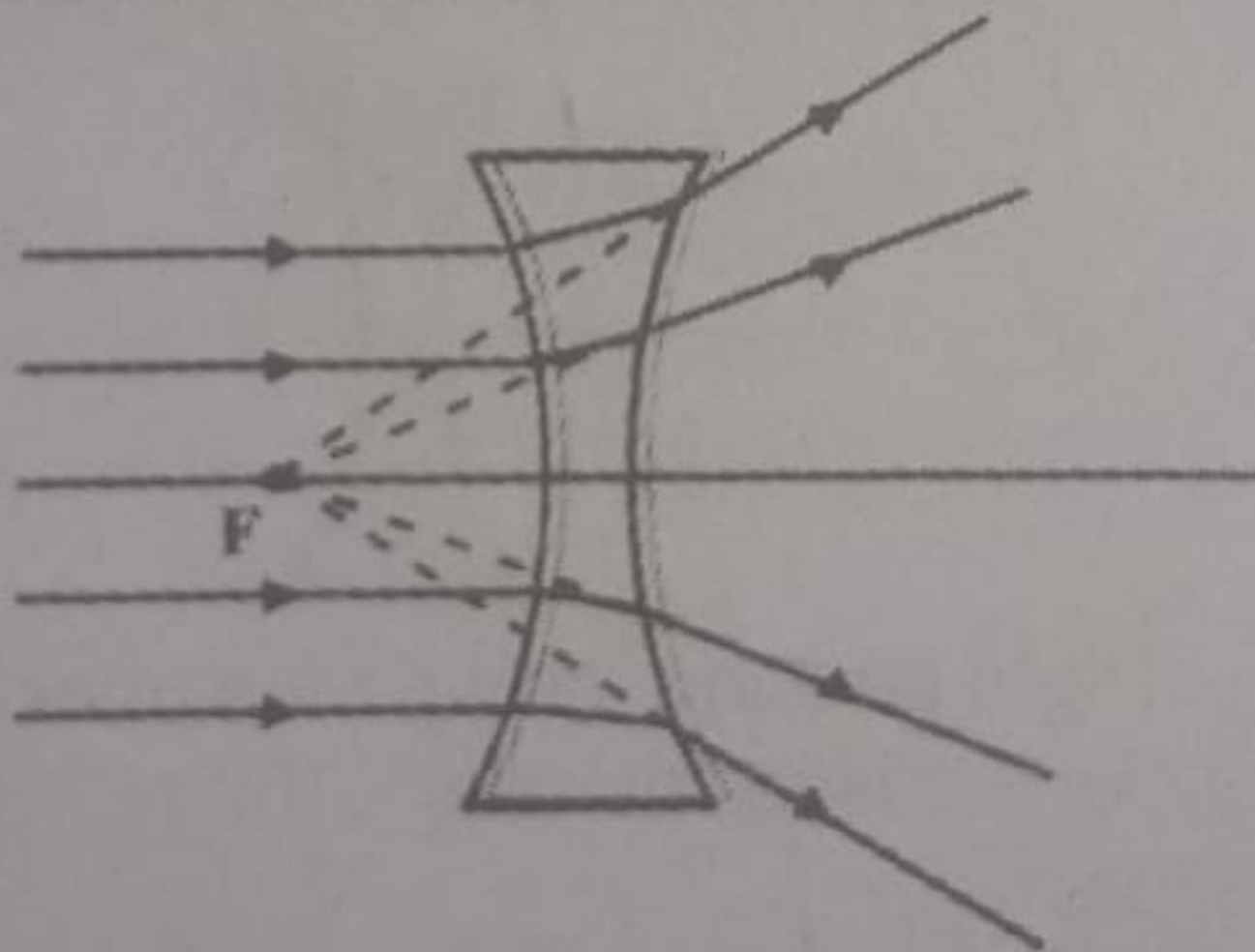


## Principal focus of a convex lens



Light rays incident parallel and close to the principal axis converge at a point on the principal axis of a convex lens. This point is the principal focus of a convex lens.

## Principal focus of a concave lens



Light rays coming parallel and close to the principal axis diverge from one another after refraction. These rays appear to originate from a point on the same side. This point is the principal focus of a concave lens.

## Focal Length

Distance from optic centre to principal focus ( $f$ )