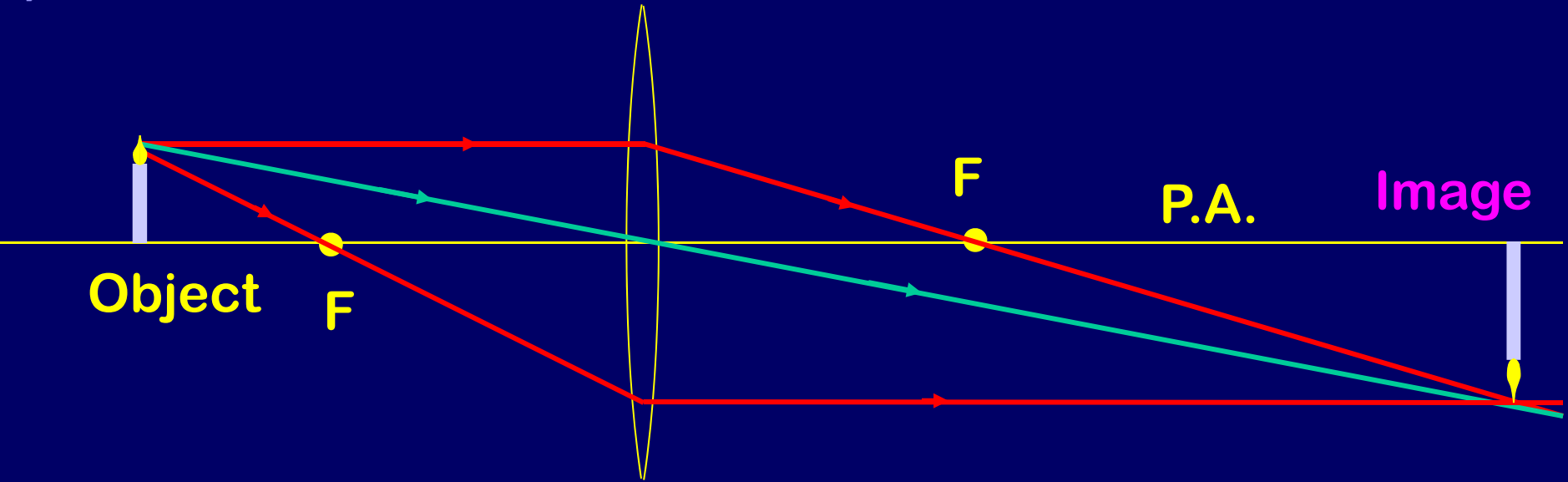


Example

Converging Lens Principal Rays



- 1) Rays **parallel** to principal axis pass through focal point.
- 2) Rays through **center** of lens are not refracted.
- 3) Rays **through F** emerge parallel to principal axis.

Image is: real, inverted and enlarged (in this case).

Key assumptions:

- monochromatic light incident on a **thin** lens.
- rays are all “near” the principal axis.