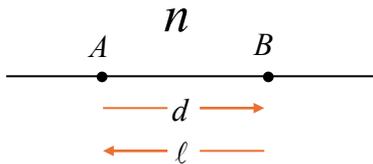


Notation in Geometric Optics

Measurements

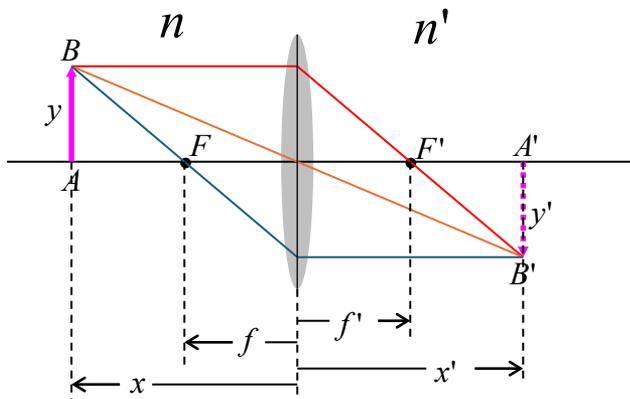
Lower case variables represent distances and lengths. Upper case letters represent points.



Geometric Length: $d = \overline{AB} = -\ell$ $\ell = \overline{BA} = -d$

Optical Length: $[AB] = nd = -n\ell$ $[BA] = n\ell = -nd$

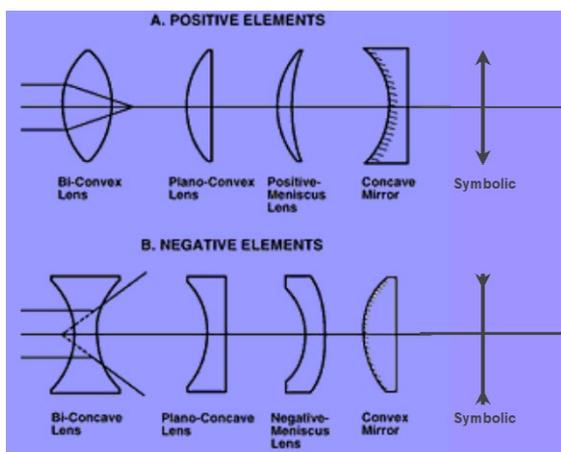
Conjugates



Primed variables represent quantities related to image space. Unprimed variables represent quantities in object space. Variables that appear primed and unprimed represent conjugate points (they are images of each other).

Components

Lenses and Mirrors



Prisms

