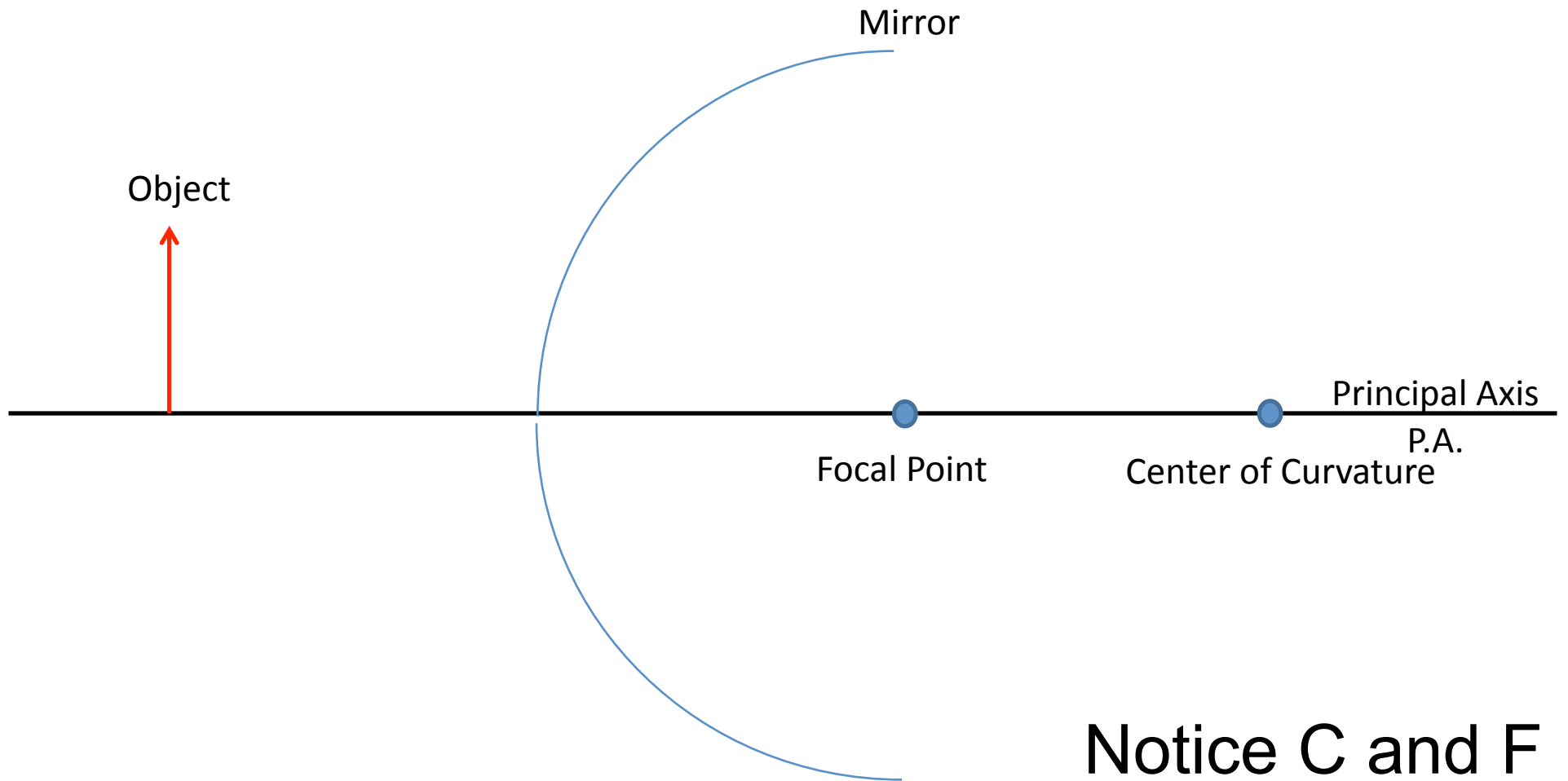
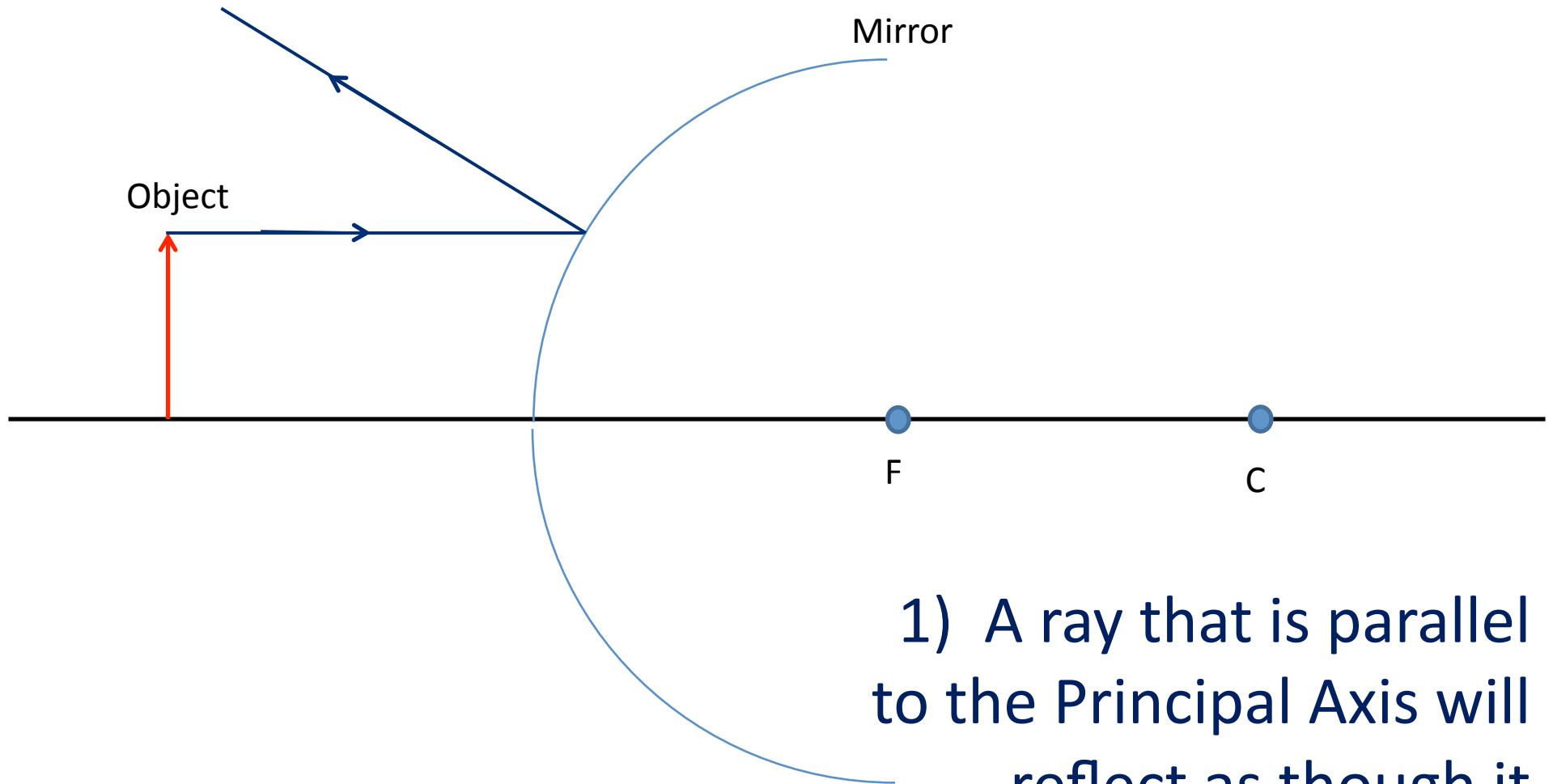


Convex Mirrors



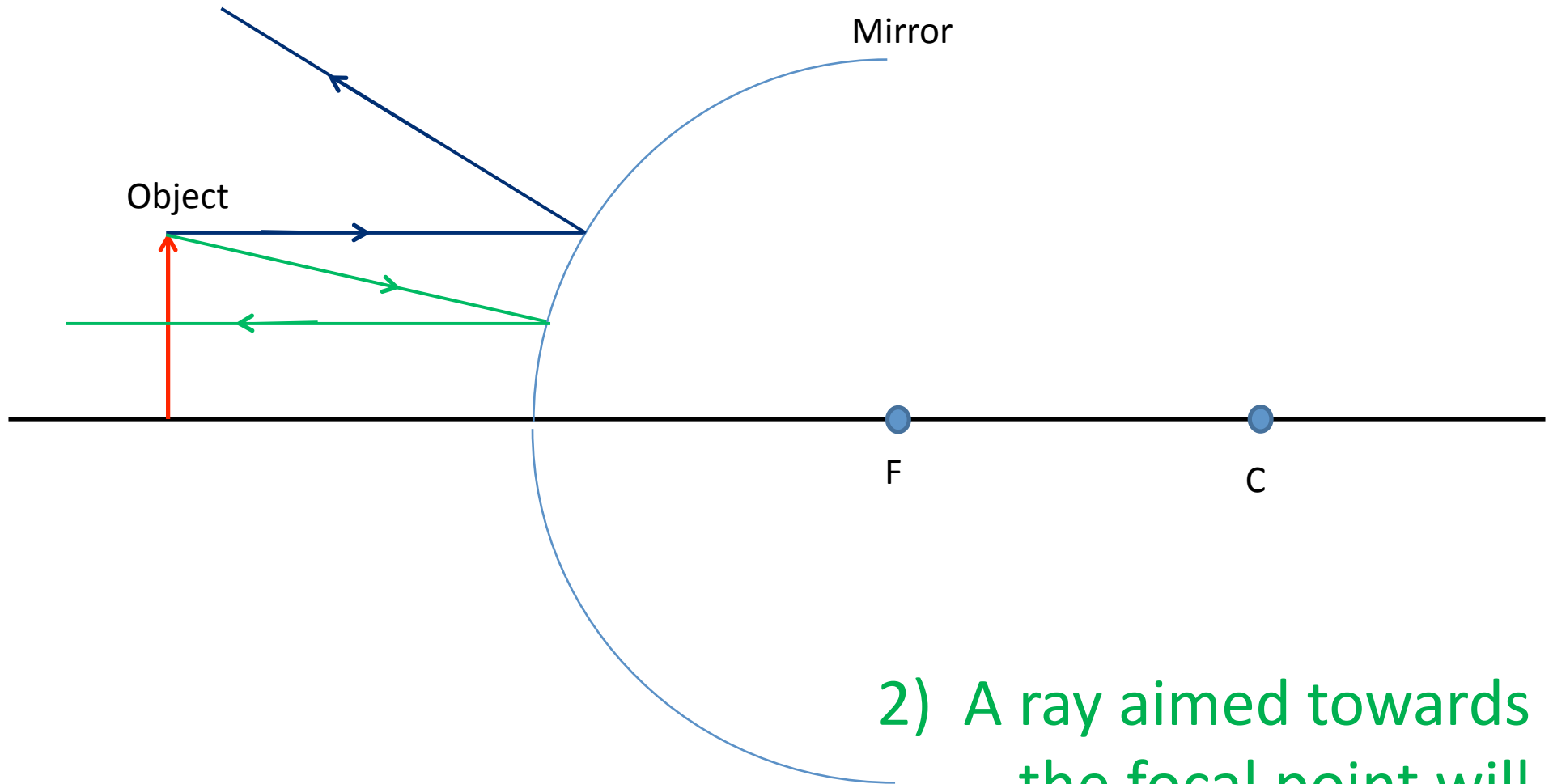
Notice C and F
are 'inside' /
behind the mirror

Convex Mirrors



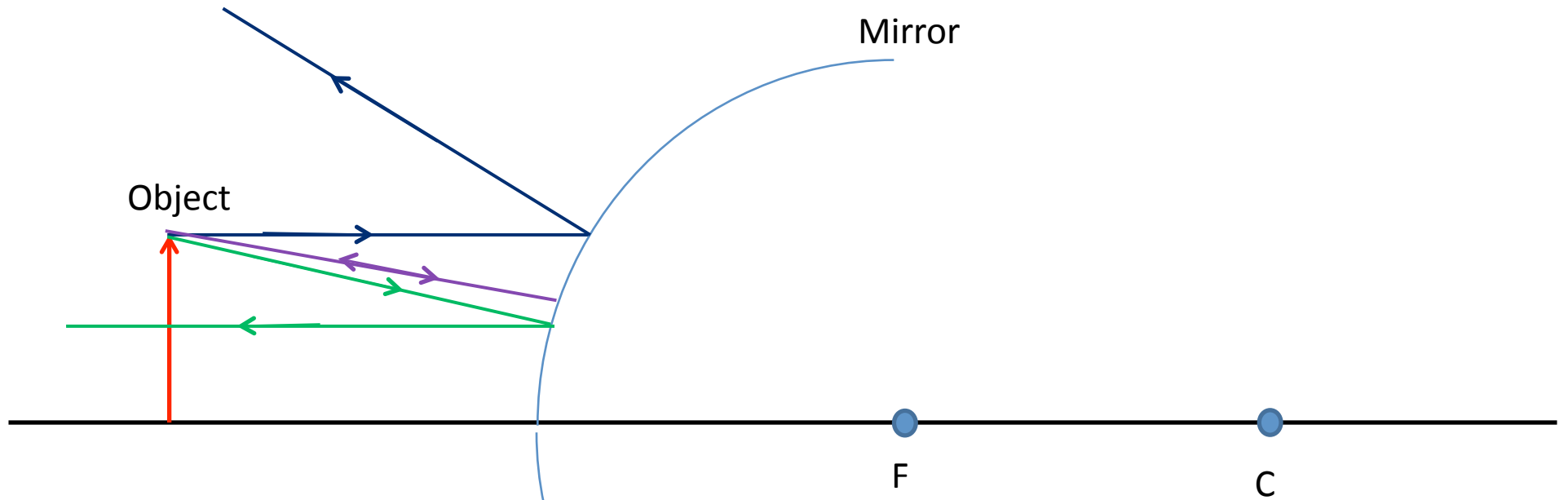
- 1) A ray that is parallel to the Principal Axis will reflect as though it came from the focal point

Convex Mirrors



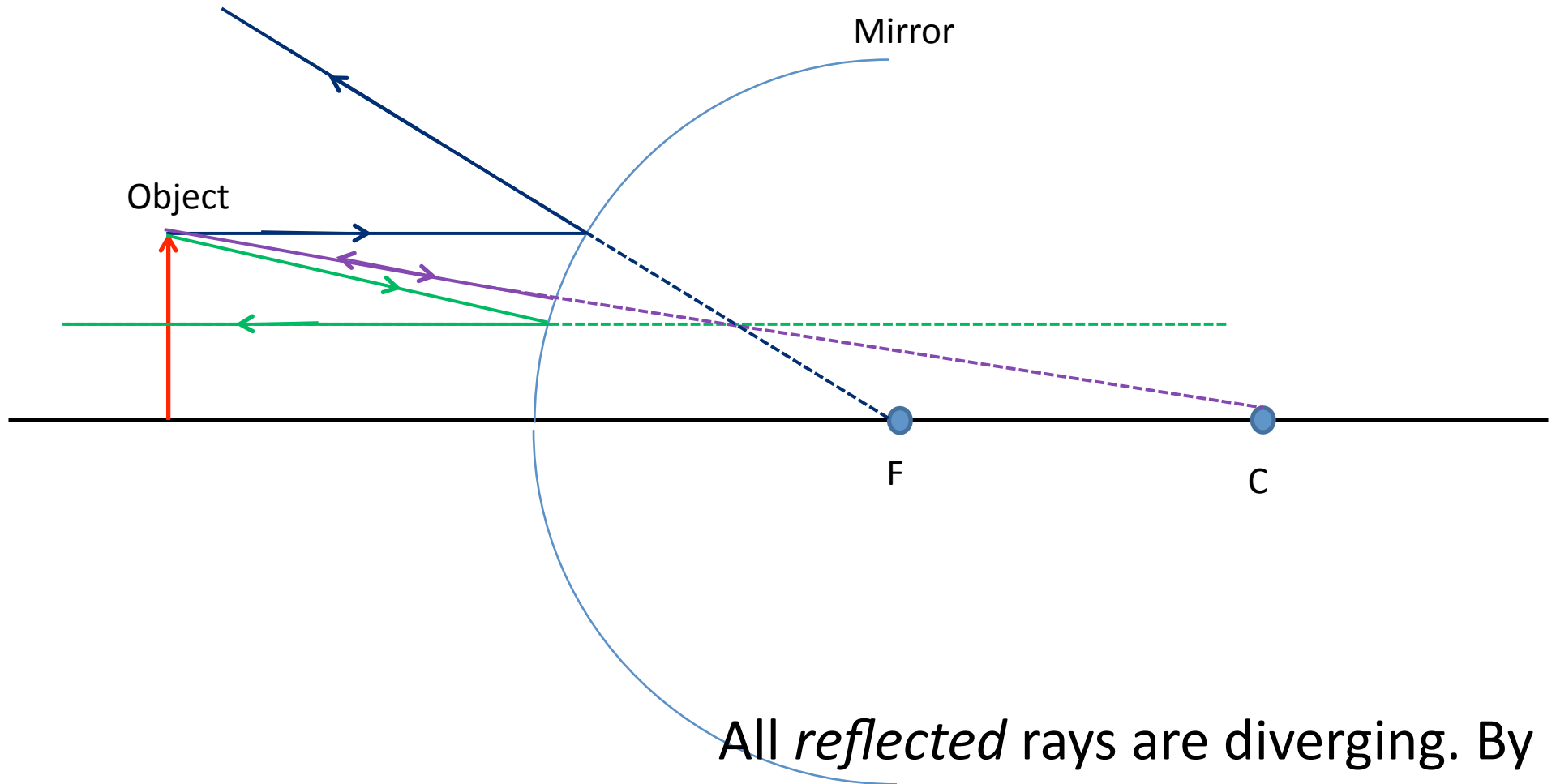
2) A ray aimed towards the focal point will reflect parallel to the principal axis

Convex Mirrors



3) A ray aimed towards the center of curvature will reflect back on itself

Convex Mirrors



All *reflected* rays are diverging. By extrapolating them all behind the mirror we determine where they appear to have come from.

Convex Mirrors

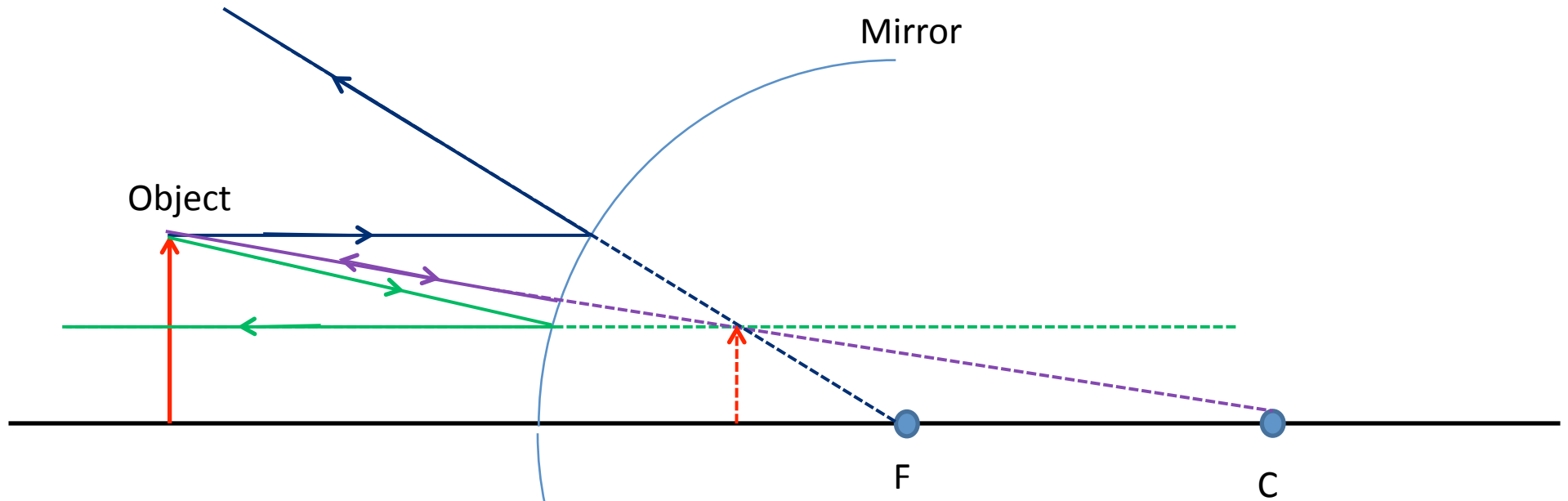


Image appears where all reflected rays appear to have crossed.

Image is virtual as the extrapolated rays do not actually exist.