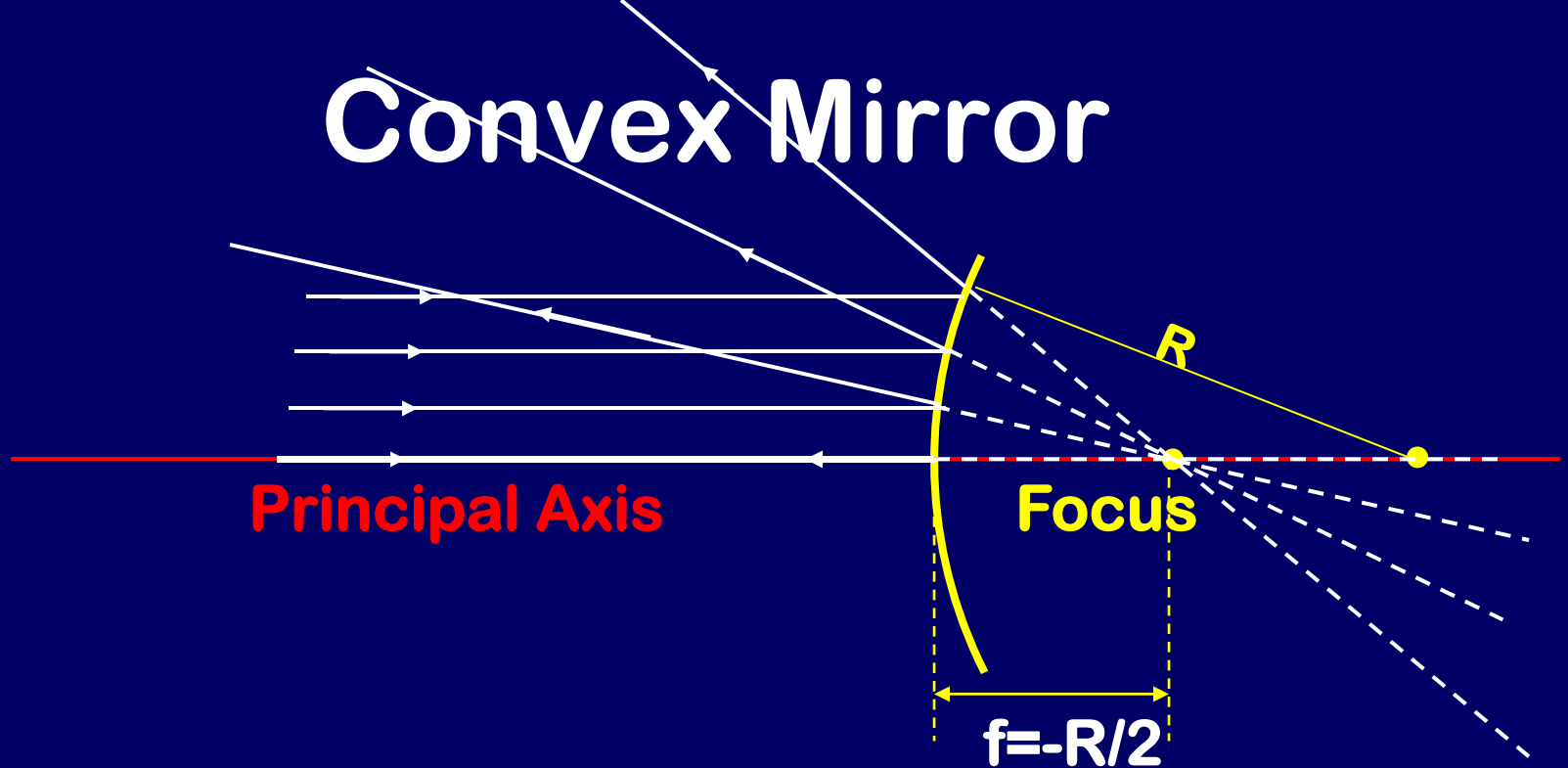


Convex Mirror



Rays are bent away from the principal axis.

Rays parallel to **principal axis** and near the **principal axis** (“paraxial rays”) all reflect so they appear to originate from the “Focus” (F).

The distance from F to the center of the mirror is called the “Focal Length” (f).

$$f = -\frac{R}{2}$$