## Mirror Summary

- Angle of incidence = Angle of Reflection
- Principal Rays
  - Parallel to P.A.: Reflects through focus
  - Through focus: Reflects parallel to P.A.
  - Through center: Reflects back on self
- |f| = R/2

$$\frac{1}{d_o} + \frac{1}{d_i} = \frac{1}{f}$$

$$\mathbf{m} \equiv \frac{\mathbf{h_i}}{\mathbf{h_o}} = -\frac{\mathbf{d_i}}{\mathbf{d_o}}$$