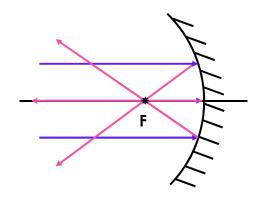


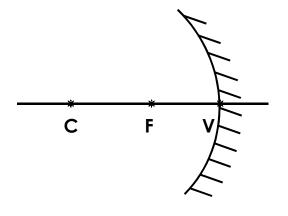
# **Terminology**

- ► Focus (F)
  - ► Rays parallel to the principal axis meet at one point, F.

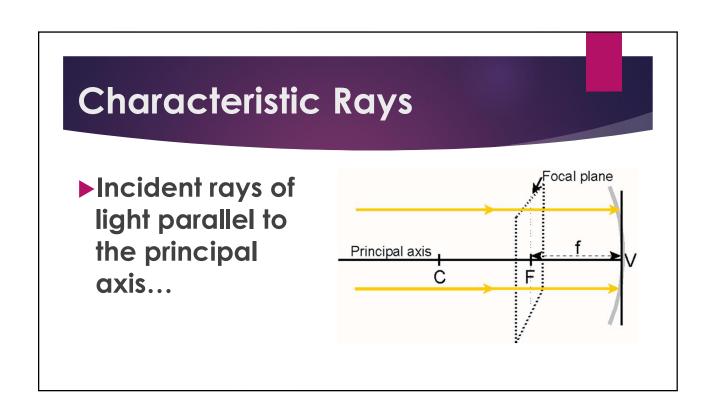


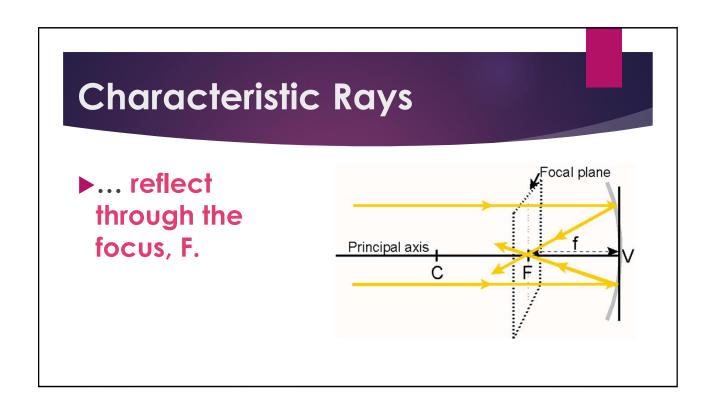
# **Terminology**

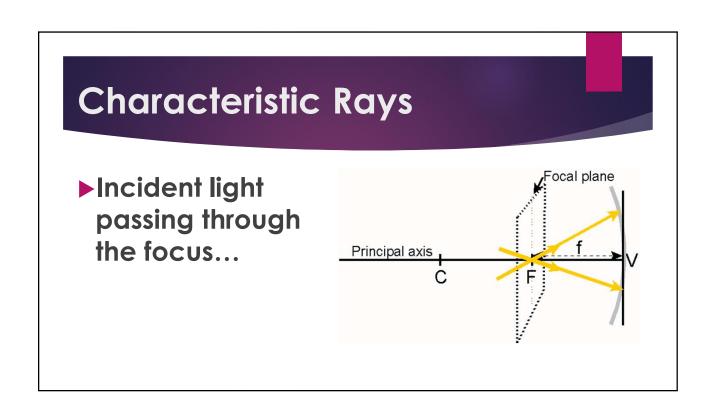
- ► Vertex (V)
  - ►The point at which the principal axis meets the mirror

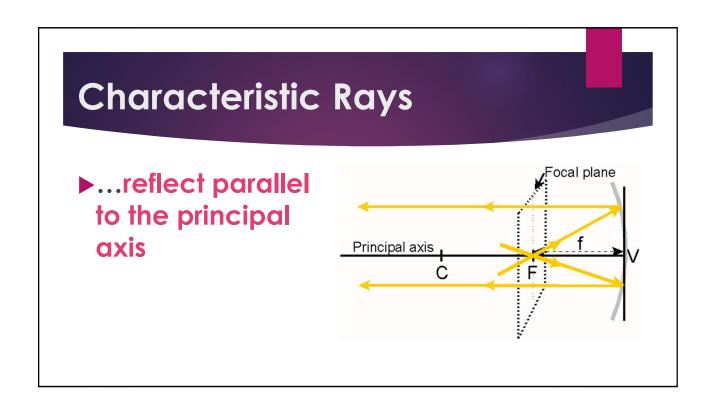


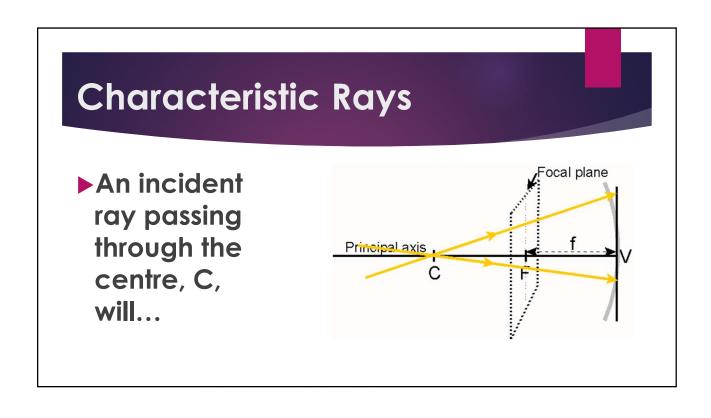
# ► Converge ► To meet at a common point

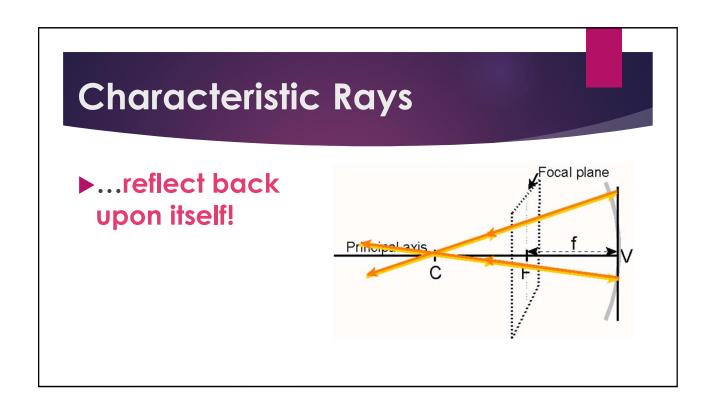


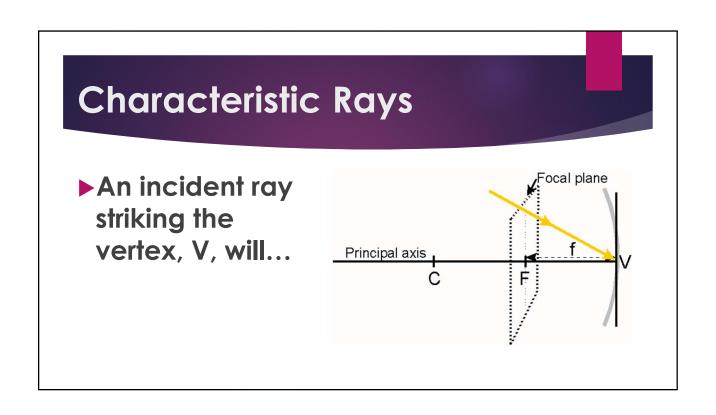






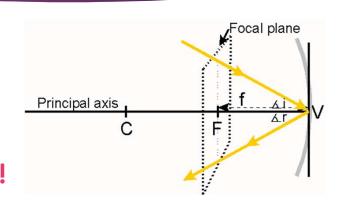






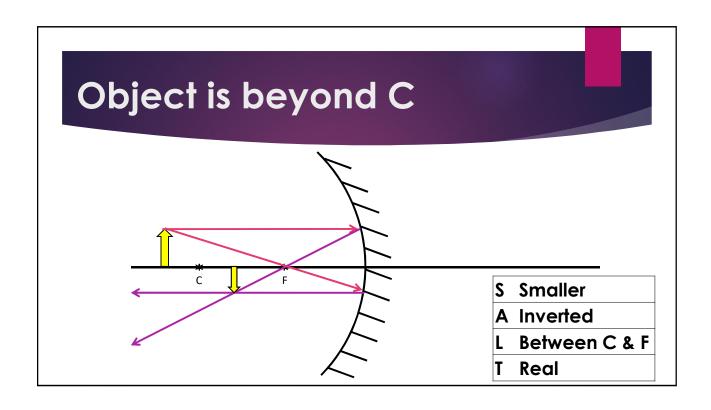
## Characteristic Rays

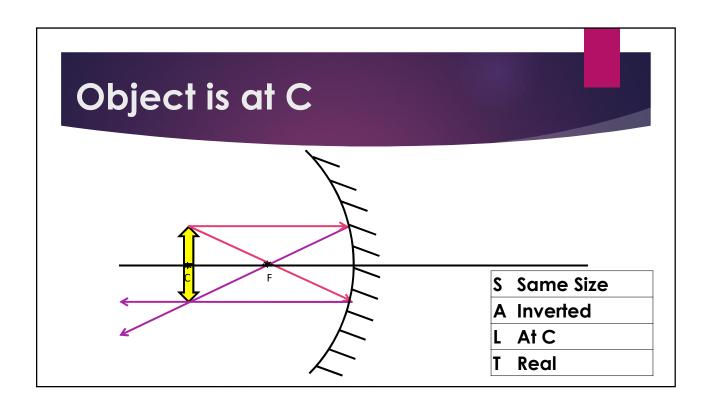
- ... reflect back with the same angle!
- ► Remember the law of reflection!

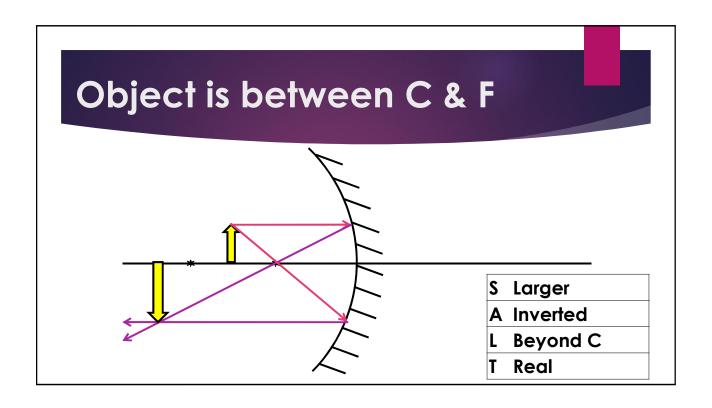


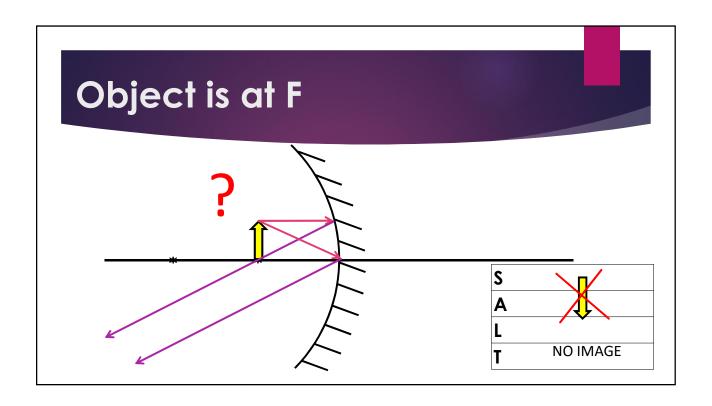
# **Locating Images - SALT**

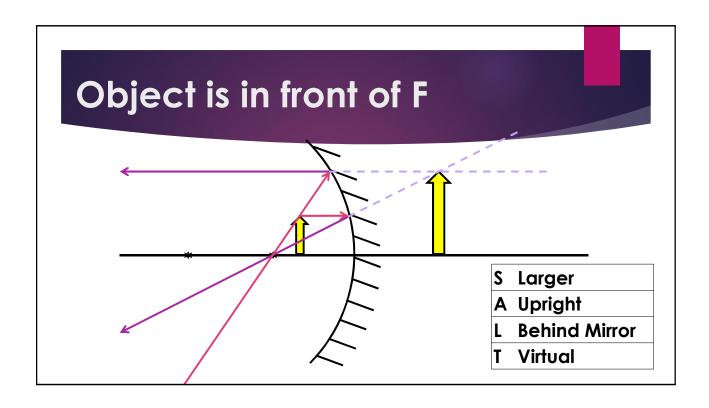
Salt	Options
Size of Image	Smaller, Larger, or Same Size
Attitude	Upright or Inverted
Location	Behind the mirror, Between C and F, In front of F, Behind C
Type	Real - image formed in front the mirror Virtual - image formed behind the mirror











### Homework

- **▶**Worksheet Questions
- ▶ Read Chapter 11.9
- ► Answer Questions 1-10