

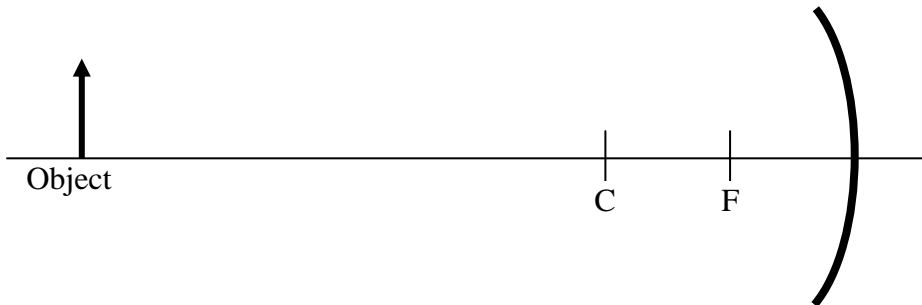
Mirror Ray Diagram

Directions: Use the rules from the *Optical Ray Diagram Rules* information sheet, follow along with your teacher to draw the ray diagrams for the various cases of optical references.

Curved Mirrors

Spherical Concave Mirror

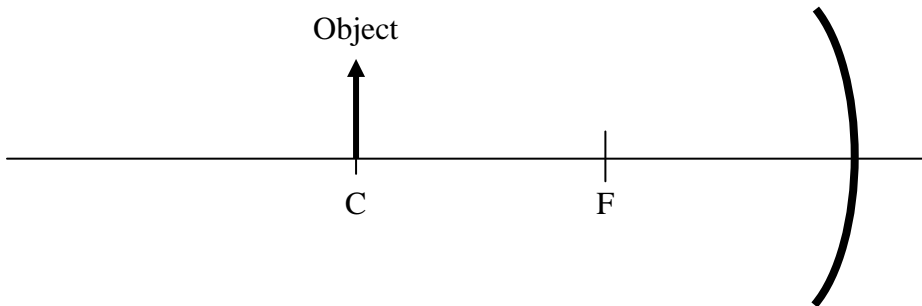
Case I: Object is far beyond C (at ∞)



Case I: Image Appears:

1. Location: _____
2. Orientation: _____
3. Size: _____
4. Image Type: _____

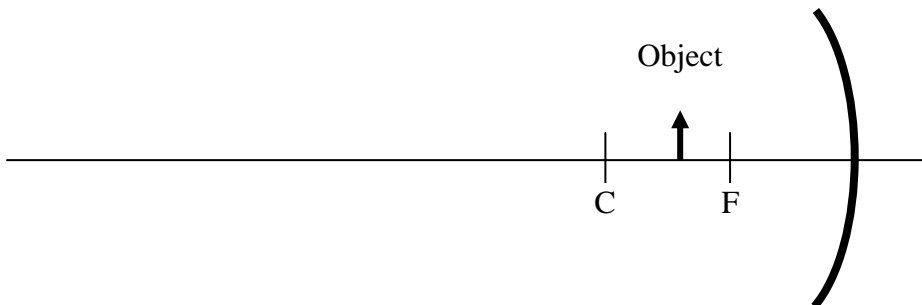
Case II: Object is at C



Case II: Image Appears:

1. Location: _____
2. Orientation: _____
3. Size: _____
4. Image Type: _____

Case III: Object is between C and F

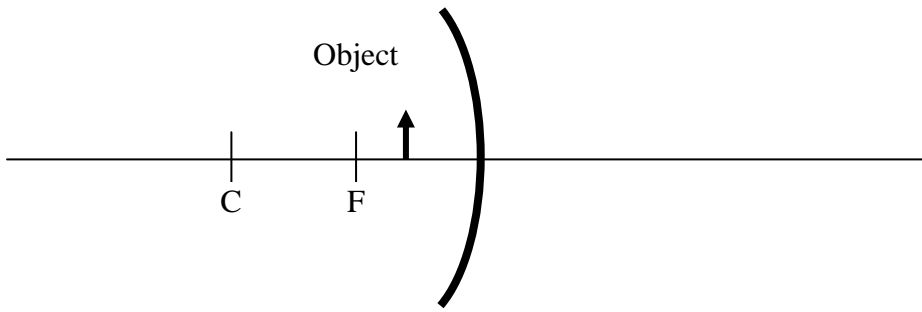


Case III: Image Appears:

1. Location: _____
2. Orientation: _____
3. Size: _____
4. Image Type: _____

(Over)

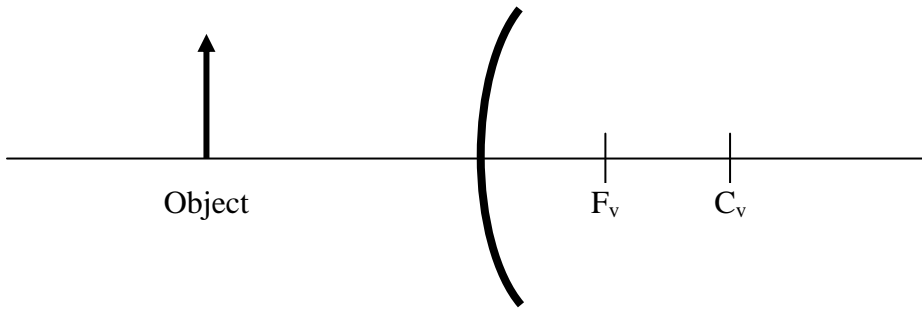
Case IV: Object is inside F (between F and Mirror)



Case IV: Image Appears:

1. Location: _____
2. Orientation: _____
3. Size: _____
4. Image Type: _____

Spherical Convex Mirror Has only ONE case.



Convex Mirror's Image Appears:

1. Location: _____
2. Orientation: _____
3. Size: _____
4. Image Type: _____