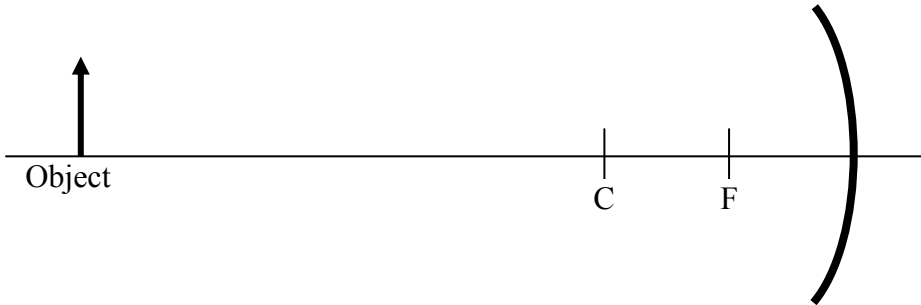


# Mirror Ray Diagram

## Curved Mirrors

### Spherical Concave Mirror

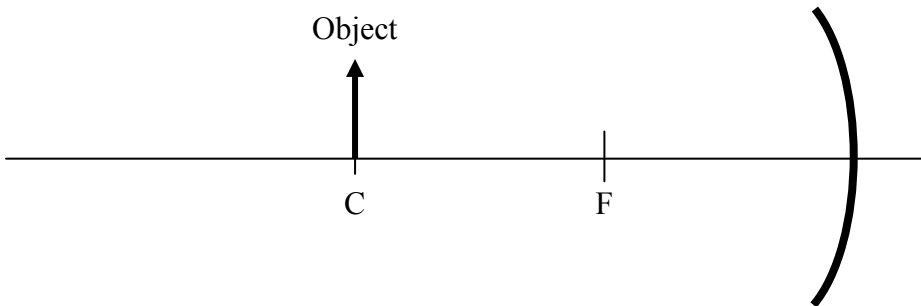
#### Case I: Object is far beyond C (at $\infty$ )



Case I: Image Appears:

1. Location: \_\_\_\_\_
2. Orientation: \_\_\_\_\_
3. Size: \_\_\_\_\_
4. Image Type: \_\_\_\_\_

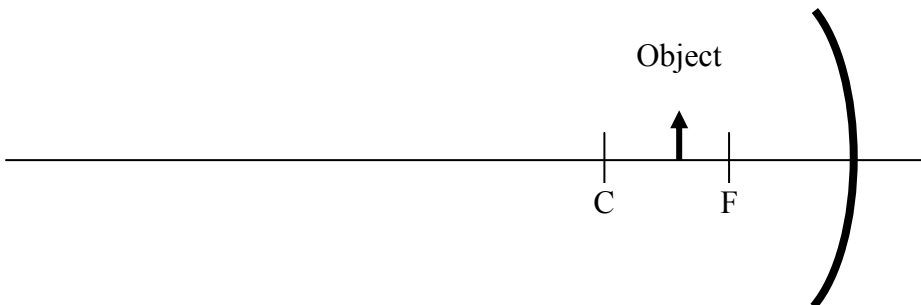
#### Case II: Object is at C



Case II: Image Appears:

1. Location: \_\_\_\_\_
2. Orientation: \_\_\_\_\_
3. Size: \_\_\_\_\_
4. Image Type: \_\_\_\_\_

#### Case III: Object is between C and F

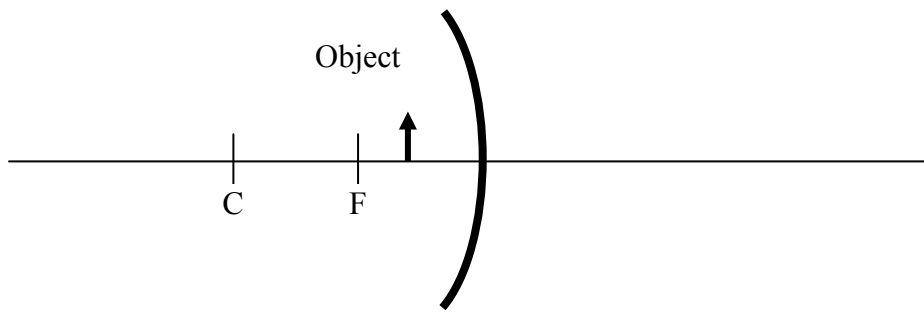


Case III: Image Appears:

1. Location: \_\_\_\_\_
2. Orientation: \_\_\_\_\_
3. Size: \_\_\_\_\_
4. Image Type: \_\_\_\_\_

(Over)

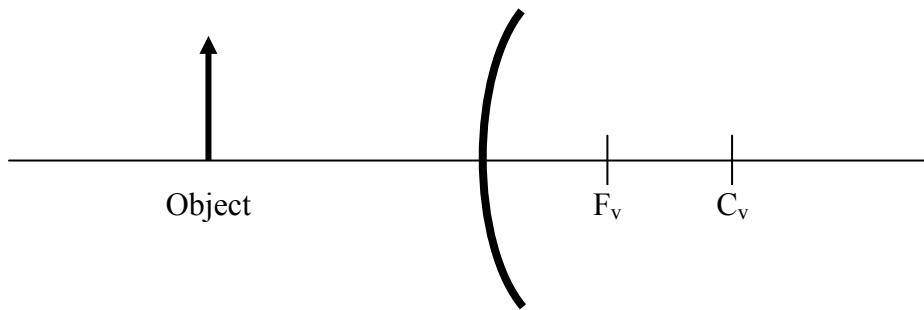
**Case IV: Object is inside F (between F and Mirror)**



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: \_\_\_\_\_