

# LIGHT REFLECTION AND REFRACTION

## CHAPTER NO.10

### SUB: PHYSICS

# LIGHT REFLECTION AND REFRACTION

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**CHANGING YOUR TOMORROW**

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## POINTS TO BE COVERED

- Ray diagrams (Image formed by a concave and convex mirror)
- Uses of concave and convex mirrors.

# LEARNING OUTCOMES

- Students will be able to use different types of mirrors in different cases.
- They can draw ray diagrams and illustrate formation of image by spherical mirrors.
- Differentiate between real and virtual images; enlarged and diminished images.

# RECAPITULATION OF PREVIOUS TOPIC

1. Define

A concave mirror

A convex mirror

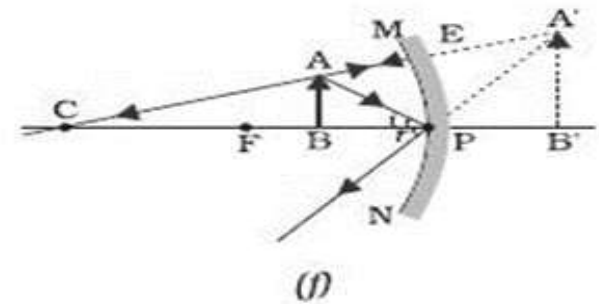
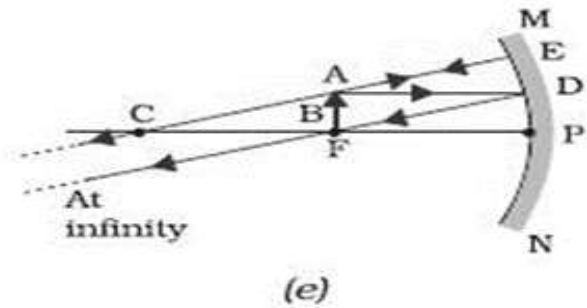
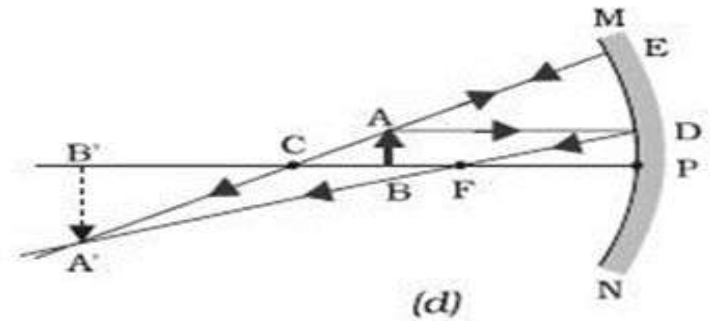
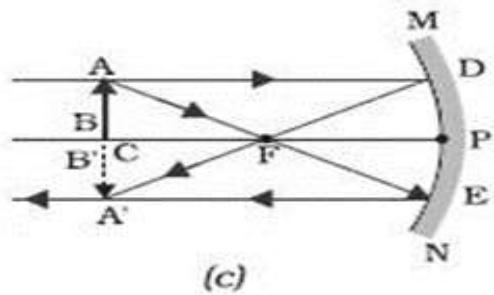
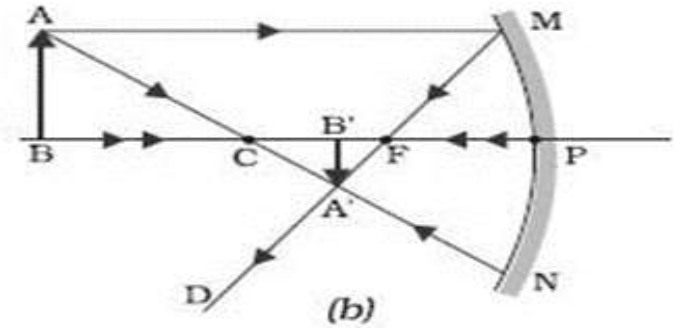
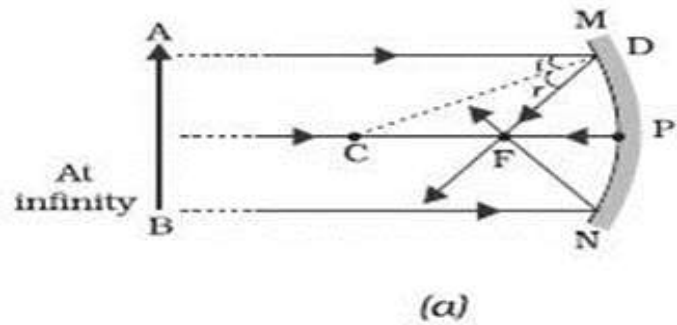
2. Where is an image formed for the following positions of objects:

i. At C

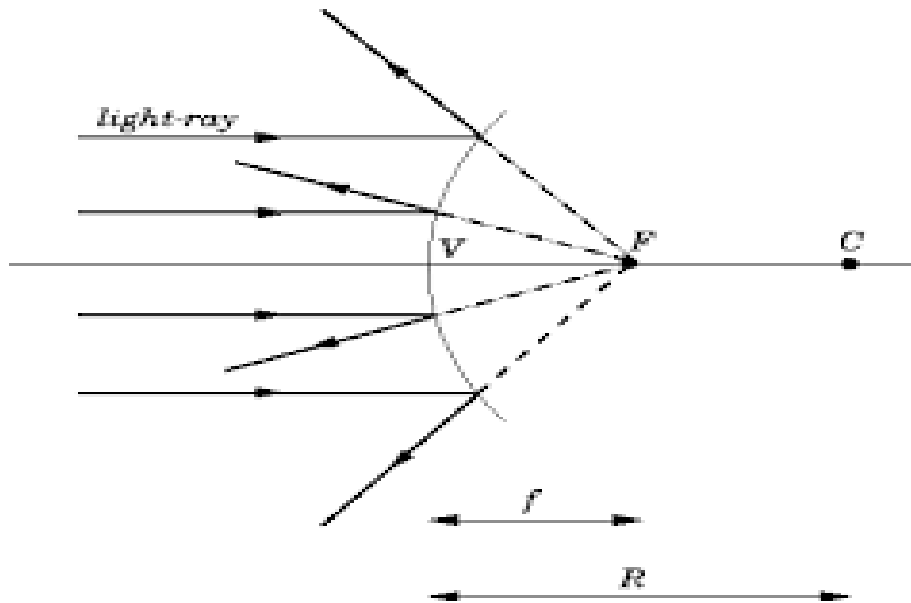
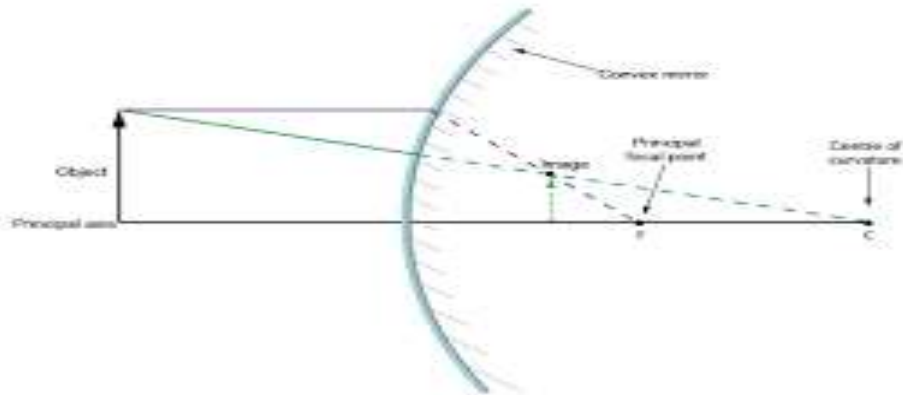
ii. Between F and C

iii. At F

# Image formed by Concave and Convex mirrors



# CONVEX MIRROR



# USES OF CONCAVE AND CONVEX MIRROR

<https://youtu.be/QMEIx44lkss>

THANKING YOU  
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