

Answer on Question #47000-Physics-Optics

What type of image is formed when an object is placed at a distance of 1.5 focal lengths from a convex mirror?

erect and virtual

inverted and virtual

erect and real

inverted and real

Answer

Erect and virtual.

Convex mirrors always produce diminished (smaller), erect and virtual (rays haven't actually passed through the image) images.