Images

The image location is the place where it seems the light is diverging from.

If the light is not really diverging from the image it is called a virtual image.

If the light is really diverging from the image it is called a real image.

Plane Mirror

- Virtual image appears behind mirror
- Image is same size as object
- Shape of object is not distorted

Convex Mirror

- Virtual image appears behind mirror
- Image is smaller than object
- Shape is distorted
- Field of view is larger than with a plane mirror

Concave Mirror

If object is near mirror:
    Virtual image appears behind mirror
    Image is larger than object
    Shape is distorted

If object is far from mirror:
    Real image appears in front of mirror
    Image is smaller than object
    Shape is distorted
    Image is upside down