

## Convex Mirror



1. Under what circumstances will a mirror form a real image? converging mirror, outside $f$
2. Under what circumstances will a mirror form a virtual image?converging mirror, inside f diverging mirror, flat mirror

3. An object is placed 6.00 cm in front of a concave mirror that has a $10.0-\mathrm{cm}$ focal length.
a) Determine the location of the image.

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f=+10 \mathrm{~cm}
$$

b) The object is 1.2 cm high. Find the height of the image.


