

3/9/20. L.O: To verify the image formed by concave mirror for various object positions and tabulate the observation.

* Concave Mirror:

	Object position	Image position	Nature & characteristics of image
1.	At infinity	At F	Highly diminished, point-sized Real and Inverted
2.	Beyond C	Between C and F	Diminished, Real and Inverted
3.	At C	At C	Same size, Real and Inverted
4.	Between F and C	Beyond C	Enlarged, Real and Inverted
5.	At F	At infinity	Highly enlarged Real and Inverted
6.	Between F and P	Behind the mirror	Enlarged, Virtual and Erect

* Convex Mirror:

	Object position	Image position	Nature & characteristics of image
1.	At infinity	At F Behind the mirror	Highly diminished, point sized. Virtual and Erect.
2.	Between infinity and the pole	Between Pole and focus, Behind the mirror	Diminished Virtual and Erect.

* While drawing ray diagram, always write image nature.