

Exercises (Pg-185)

1) Which one of the following materials cannot be used to make a lens?

Ans:- (d) Clay

2) The image formed by a concave mirror is observed to be virtual, erect and larger than the object. Where should be the position of the object?

Ans:- (d) Between the pole of the mirror and its principal focus.

3) Where should an object be placed in front of a convex lens to get a real image of the size of the object?

Ans:- (b) At twice the focal length

4) A spherical mirror and a thin spherical lens have each a focal length of -15 cm . The mirror and the lens are likely to be

Ans:- (a) both concave.

5) No matter how far you stand ~~from~~ from a mirror, your image appears erect. The mirror is likely to be.

Ans:-(d) either plane or convex