



GRADE: X WORKSHEET SUB: PHYSICS DATE: 25.6.22

1. A concave and convex mirror is to be used to get a diminished image of an object. How should the object be positioned in the two cases? What difference if any, would be there between the images in the two cases?

2. A man stands in front of a plane mirror. What is the distance moved by the image of the man if (i). The mirror is moved 75cm away from the man? (ii). The man moves 75 cm away from the mirror?

3. A concave mirror produces four times magnified real image of an object placed at 10cm. in front of it. Where is the image located ?

4. Where would you place an object in front of a concave mirror to produce.
 - a) A real, magnified image
 - b) An image of the same size as the object.

5. Where would you place an object in front of a concave mirror to produce.
 - A) A real, diminished image
 - B) An erect, magnified image.