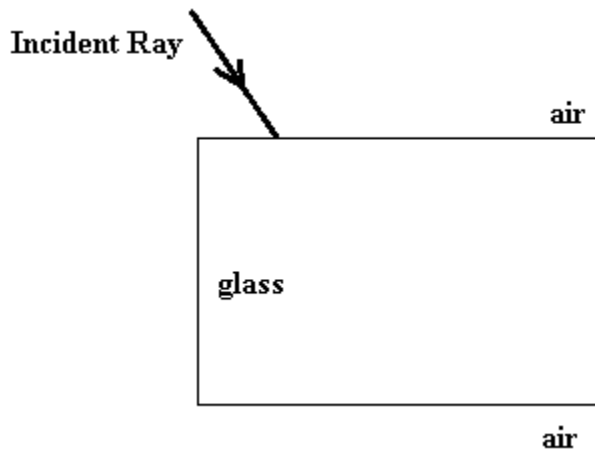


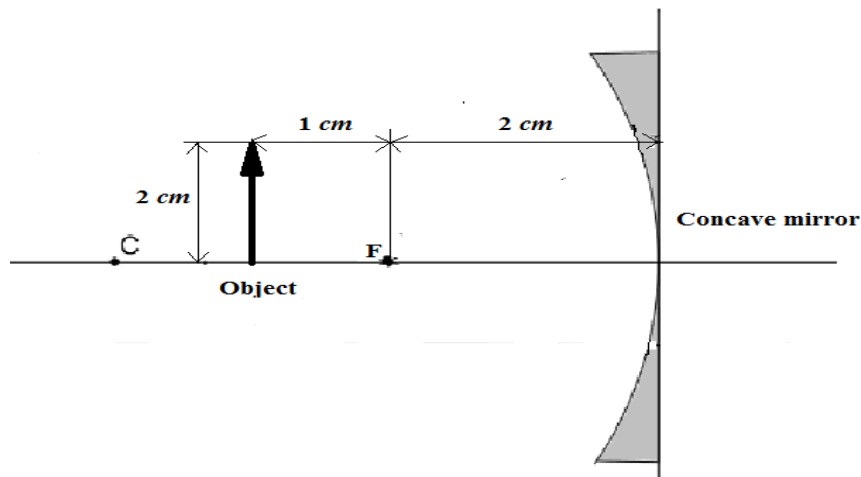
Y11 PHYSICS WORKSHEET 4

4. (a) State the Law of Reflection.
(b) What is the nature of image formed by a plane mirror?
(c) State the nature of the image formed by a convex mirror.
(d) Define dispersion and give a real life example.
(e) The two eye defects are Myopia and Hypermetropia.
Explain what is Myopia and how is it corrected.
(f) With the aid of a diagram, explain the formation of a mirage.
(g) Draw the refracted ray for each boundary.

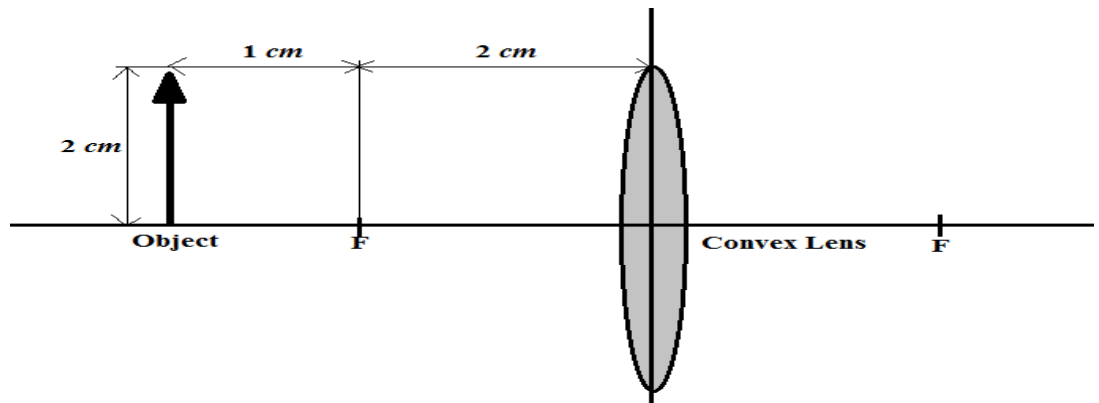


- (h) For each of the following draw at least two ray diagrams to locate the image and for each image state its nature.

(i)



(ii)



(iii)

