

**Supplementary Problems (S- ):**

32. A magnifying glass has a focal length of 4 cm.

a) Draw a diagram showing the object, lens, image and eye. Include the focal point of the lens in your diagram.

b) What should the image distance be if it is used properly?

c) What is the magnification of this lens when used properly?

**Answers to Supplementary Problems:**

32. b) -25 cm; c) 7.25 X.