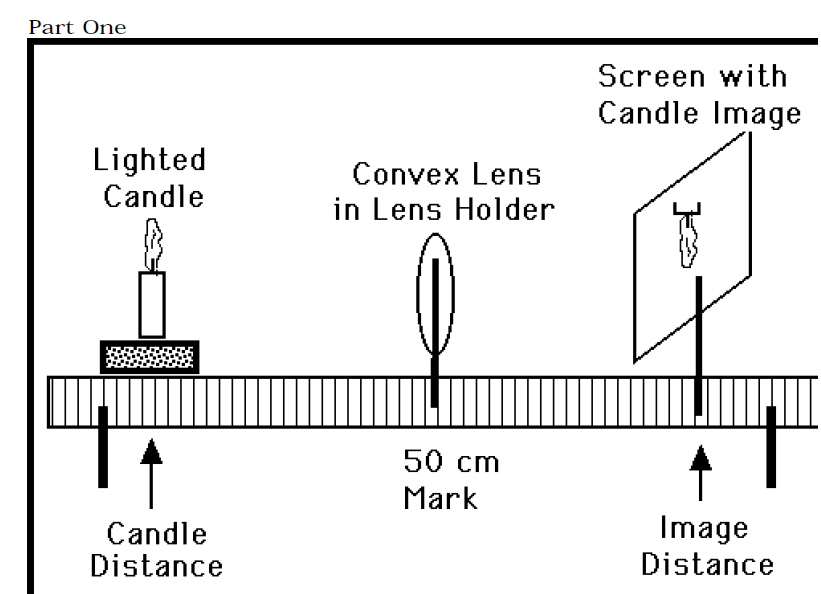
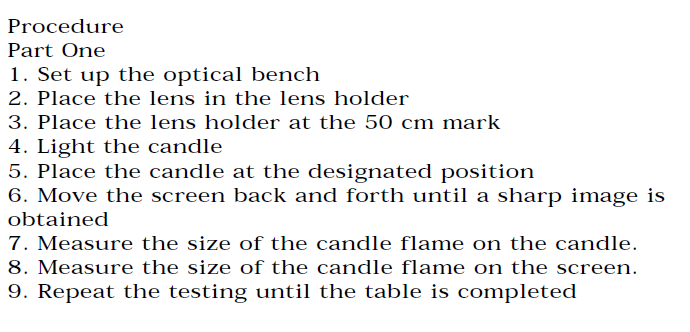
Convex (Converging) Lens Lab





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| --- | --- | --- | --- | --- | --- | --- |
| d0 | di | h0 | hi | f | Mheights | Mdistances |
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Once you have recorded you observed data in the table above (d­I, do, hi, h0) calculate the remaining columns (Mheight, M­distance, f)

Mheights asks you to find the magnification of the image using the measure heights of the object and image.

Mdistances asks you to find the magnification of the image using the distances of the object and image.

Lab Questions:

How did the two magnification values compare?

What should the two magnification values have been?

Which do you think is more accurate?