Example #1	Example #1
A converging lens has a focal length of 40 mm. A 10-mm tall object is placed 60 mm in front of it.	A converging lens has a focal length of $40~\mathrm{mm}$ . A $10\mathrm{-mm}$ tall object is placed $60~\mathrm{mm}$ in front of it.
(a) Find the distance to the image.	(a) Find the distance to the image.
(b) Find the beingt of the income	
(b) Find the height of the image	(b) Find the height of the image
(c) Find the magnification of the image	(c) Find the magnification of the image

(d) Describe the image (i.e. real or virtual? upright or inverted?)

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