**Unit 5 – Waves: Quiz 5b**

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1. Find the image distance and magnification of a concave mirror, whose focal length is 10.0 cm, when the object distance is 5.00 cm. Is the image real or virtual? Is the image inverted or upright? Draw a ray diagram to confirm your result.



Answers:

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| --- | --- |
|  |  |

i = image so = object si = distance h = height M = magnification f = focal length





1. si = -10.0 cm, M = 2.00, virtual, upright

