Ray Diagrams for Diverging/Concave Lenses

Success criteria:

Remember when drawing a ray diagram, you must: draw rays with arrows on them, draw dashed lines for virtual rays and label the object and image. Show your method when calculating the magnification.

1. An object 2 cm high is placed 10 cm from a diverging lens of focal length 10 cm. Draw a ray diagram on graph paper to find
    a. the height of the image.
    b. the magnification of the image
    c. the nature of the image.
2. An object 3 cm high is placed 7.5 cm from a diverging lens of focal length 5 cm. Draw a ray diagram on graph paper to find the position, size and nature of the image.

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