

# Lens / Mirror Practice (2020)

Draw a ray diagram and calculate the image characteristics for the following situations (find  $d_i$ ,  $h_i$ ,  $m$  and identify LOST characteristics):

1. An object of height 4 cm is placed 15cm in front of a concave mirror with focal length of 5.0 cm.
2. An object of height 4cm is placed 12cm in front of a diverging lens with focal length 3cm.
3. An object of height 2.0cm is placed 3.0cm in front of a converging lens with a focal length of 5.0cm.