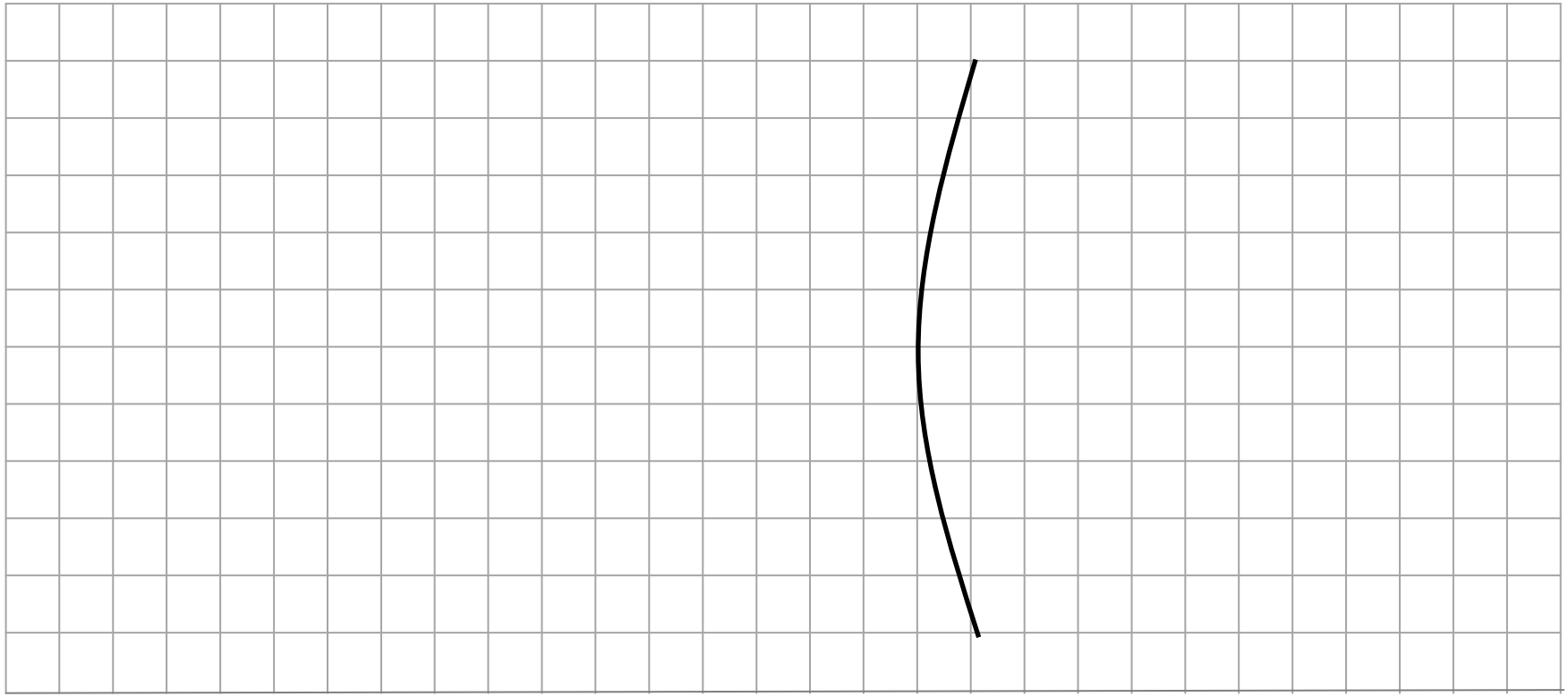
An object 2.00 cm high is placed 6.0 cm in front of a convex mirror with a radius of curvature of 4.00 cm. Where is the image formed? Is it real or virtual? Upright or Inverted? What is the magnification? How big is the image? Find these answers by calculation AND by ray sketching.



An object 1.5 cm high is placed 7.0 cm in front of a concave mirror with a radius of curvature of 4.00 cm. Where is the image formed? Is it real or virtual? Upright or inverted? What is the magnification? How big is the image? Find these answers by calculation AND by ray sketching.