



# Chapter 24

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## Wave Optics



- An upright object is located a distance from a convex mirror that is less than the mirror's focal length. The image formed by the mirror is
  - (1) virtual, upright, and larger than the object
  - (2) real, inverted and smaller than the object
  - (3) virtual, upright and smaller than the object
  - (4) real, inverted and larger than the object



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  - (3) **virtual, upright and smaller than the object**
  - (4) real, inverted and larger than the object