

Quiz 26.1B

A 6.12-cm tall object is placed some distance in front of a lens with focal length 23.0 cm. The virtual image produced by the lens is 17.6 cm tall.

- a) Is the final image upright or inverted?
- b) What is the object distance?
- c) Using the same lens, suppose the magnification has the opposite sign but same numerical value as you used for (a) and (b). What is the object distance?