

Quiz 25.1A

An object is placed 23.5 cm in front of a convex mirror. The object forms a virtual image that is 1.50 times larger than the object.

- a) What is the focal length of this mirror?
- b) If the object is moved to a point that is twice as far away, 47.0 cm in front of the same mirror, what will be the magnification of the image?