

Quiz 26.1A

Lens 1 has a focal length of -48.0 cm. Lens 2 is 31.0 cm behind lens 1, and lens 2 has a focal length of $+27.0$ cm. The final image from lens 2 is located 55.0 cm behind lens 2.

- a) What is the location of the object in relation to lens 1?
- b) What is the total magnification of the final image?