



Quiz 3

You can use your notes - write your name in the upper left corner

Honors Physics - April 2, 2004

The figure above shows a fishy, that is 3 cm tall, located 24 cm to the left of a converging lens of focal length +8 cm. A diverging lens of focal length -12 cm is located 6 cm to the left of the converging lens. An image of the fishy is formed on a screen located distance x to the left of the diverging lens.

Use the matrix method to find x , the magnification and specify whether the image is inverted or upright.