

Quiz 6
Phys 221 – Spring 2012
Group Portion

Names: _____

1. A fishy lens

In the picture at the right is shown a sketch of two fish in an aquarium. At the instant of time shown, one of the fish is looking at the other through a bubble of air. What kind of image do you expect the fish to see? Will it appear larger or smaller than the object? Nearer or farther? Give an explanation and draw a careful ray diagram to support your argument.

