

### Check Your Understanding: Convection

Name: \_\_\_\_\_

It is wintertime and you have installed a water heater in your tropical fish aquarium as shown below.

Use arrows to draw a complete convection cell for the water in the aquarium. **Carefully label each arrows** in order to **completely explain every step** of the convection cell and **why convection is taking place**.

Convection is the transfer of heat by the movement of matter. **What matter is convecting in this aquarium?**

heater

