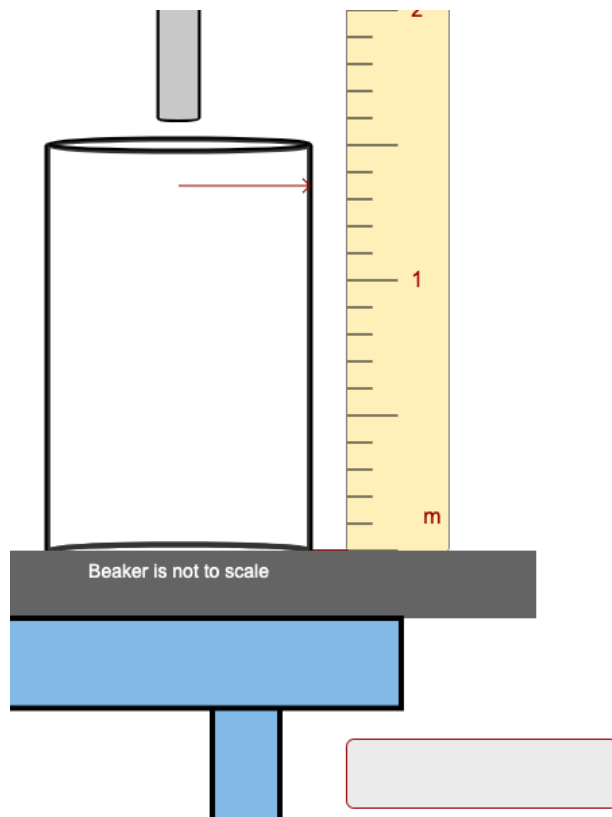


Flow Rate and Speed Problem

Step 1: Below is a picture of your collection vessel and faucet. Draw the fluid in your vessel to the approximate height that you filled it in your program. Then fill in the time that you were filling the vessel and the radius of the vessel and faucet. Use the space next to the picture to neatly calculate the flow rate of the faucet in m^3/s



Step 2: Now that you have the flow rate, neatly show your calculation to find the speed of the water exiting the faucet.

Step 3: Enter your answers in the program to verify that you did everything correctly