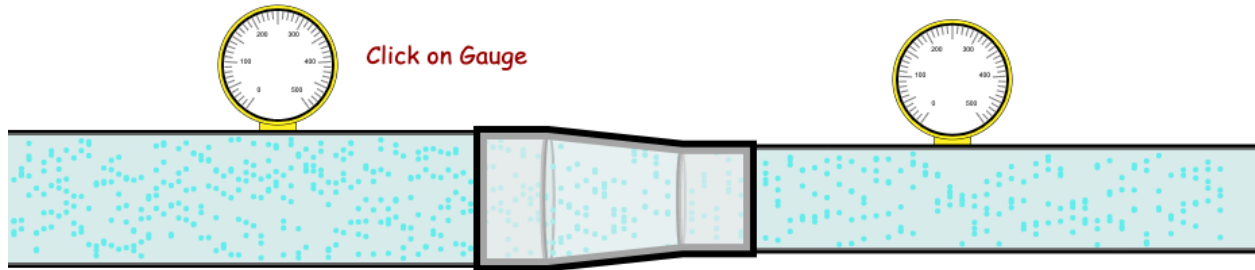


# Bernoulli's Principle Problem

Step 1: Below is a picture of your pipes and the connector. Next the picture, give the values of the variables stated by the program including the pressure in the gauge to the left



Step 2: Calculate the flow rate in the pipe to the left. Show your work neatly and completely

Step 3: Use that flow rate to find the velocity for the pipe on the right. Show all your work below

Step 4: Now calculate the pressure in the pipe on the right side of the system. Be very careful with your units. You will be entering your final answer in kPa. Enter the answers into your program to make sure you did everything correctly.