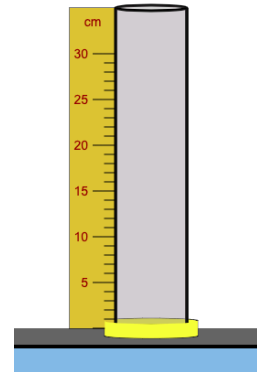


Pressure from a Single Fluid

Step 1: Below is a picture of your graduated cylinder. Draw the fluid in your cylinder to the approximate correct height. Then put next to your cylinder all the other values that are important for your problem



Step 2: Talk about how each of the following factors influences the pressure caused by just the fluid (Density of the fluid, area of the graduated cylinder, the volume of the cylinder, the gravitational field of the planet, the atmospheric pressure, density of the fluid, and the height of the fluid in the cylinder)

Step 3: Use the factors discussed above to calculate caused just by the fluid. Show your work

Step 4: Now calculate the total pressure at the base of the cylinder and tell how it is different from what you calculated in step 3. Enter the answers into your program to make sure you did everything correctly