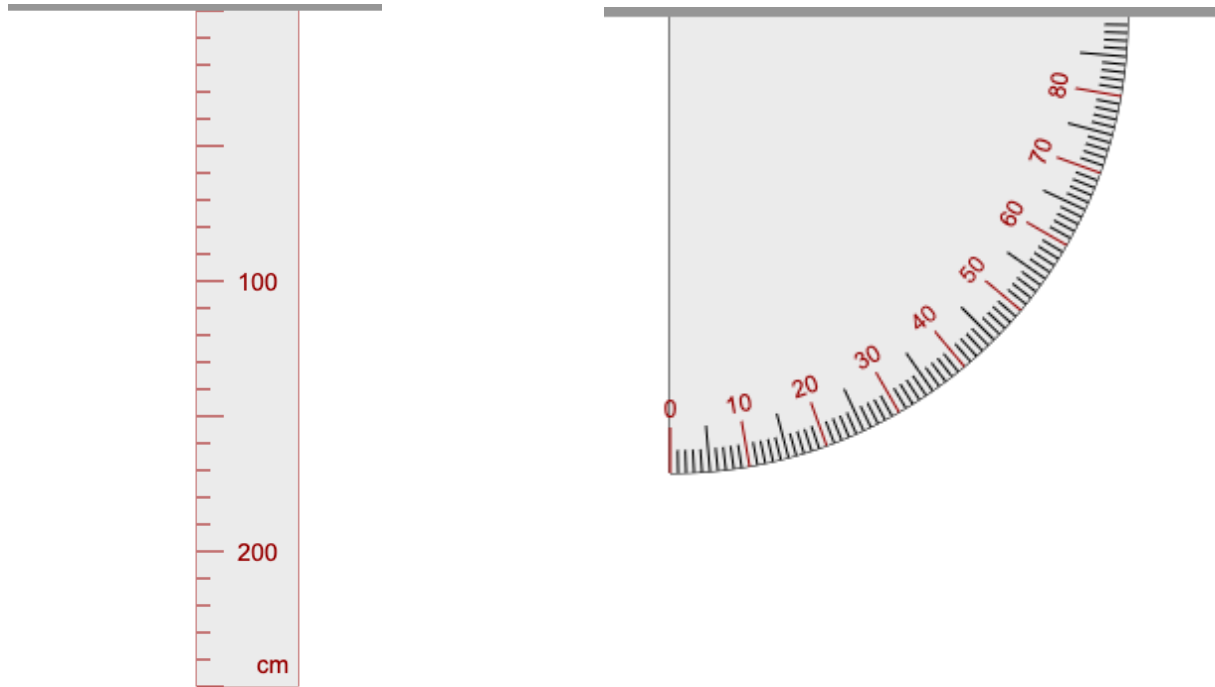


# Determining $g$ from Pendulum

Step 1: Draw in your pendulum when it is hanging straight down. Make sure you draw it to the proper length as shown in your program. Then draw it displaced to its maximum angle as shown in your program. Record all the important information for your pendulum below.



Step 2: Give the number of oscillations you counted and the total time elapsed. Then calculate your period of oscillation. Show all your work neatly below.

Step 3: Calculate the gravitational field on the planet where this pendulum was located. Enter your answers into the program to make sure you did everything correctly