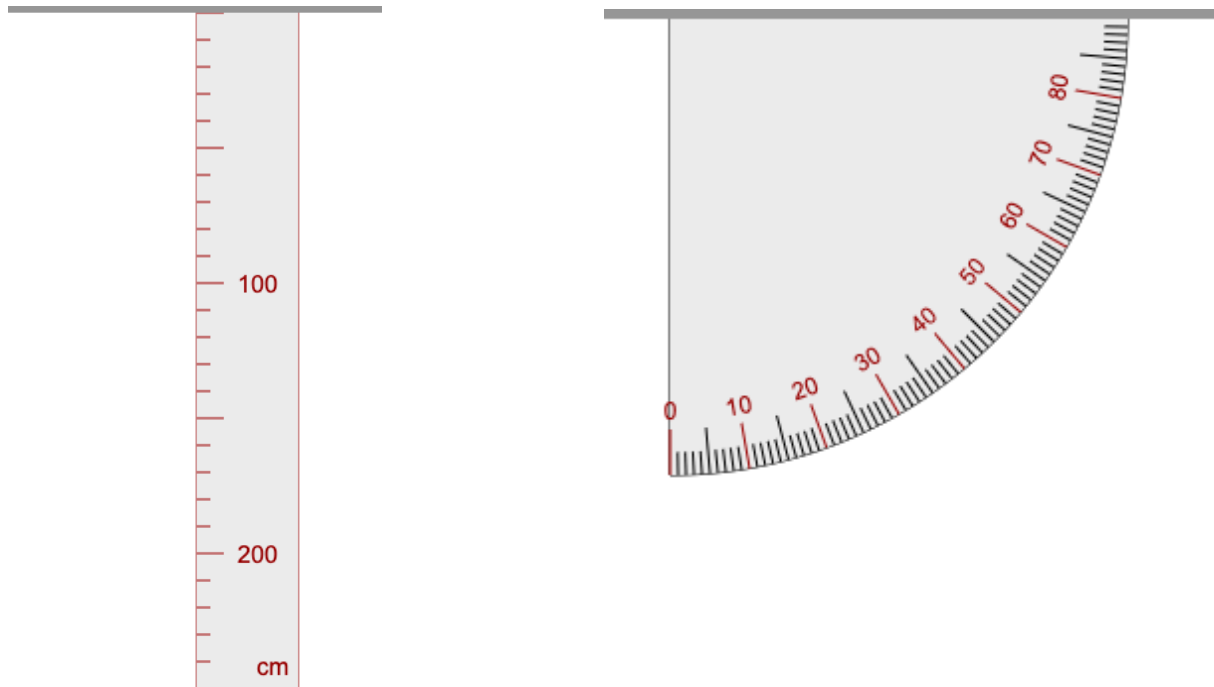


Period of Pendulum

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: Based on what you know about your system, calculate the period of the pendulum and also its frequency. Show all your work neatly below. Enter your answers into the program to make sure you did everything correctly

Step 3: Repeat the calculations, but this time do it for Earth. How much difference is there in terms of oscillations per minute between the Earth and the planet used in your problem.