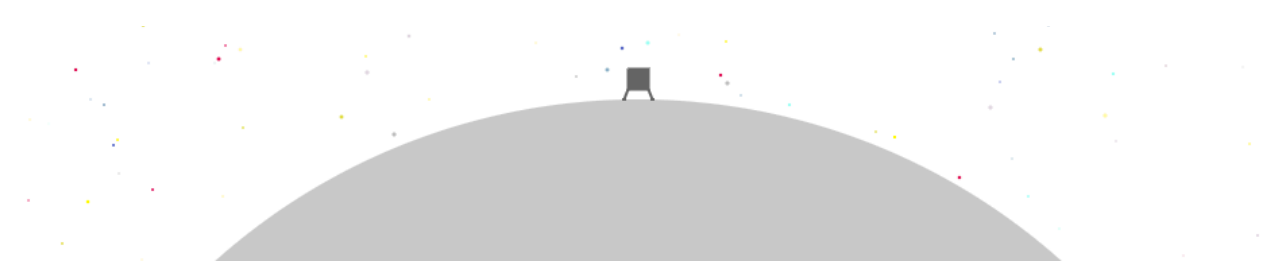


Gravitational Force KBO

Step 1: In the picture below give the values of all the variables for your problem.



Step 2: Find the volume of the Kuiper Belt Object (KBO). Show your work neatly below and make sure your answer for volume is in cubic meters.

Step 3: Find the mass of the KBO. Show your work below

Step 4: Show the calculation for the force of gravity on the ship as it sits on the surface of the KBO. Enter your answer into the program to make sure you did everything correctly.