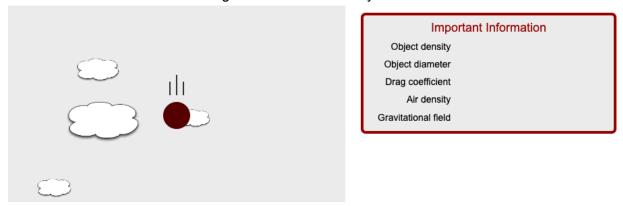# Terminal Velocity Problem

Step 1: Fill in all the information from your program into the chart next to the picture. Draw in the forces on the ball as it is falling at its terminal velocity

Important Information

Object density

Object diameter

Drag coefficient

Air density

Gravitational field

Step 2: Show the calculation of the mass and force gravity on the ball based on the information given to you in the problem

Step 3: Show the calculation of the cross-sectional area of the ball

Step 4: Neatly show the calculation of the terminal velocity of your object. Enter your answers into the program to verify that you did everything correctly