Part B: Calculation/Estimation of Final Mass

Required to use specific aluminium that has the density of 2.66 g/cm^3

The Volume of the main component is equal to 21.6 cm cubed (dimensions seen in Part A)

Using the Volume and the density of the aluminium the mass can be found using the Density Calculator. p=m/V, or density (p) is equal to mass (m) divided by volume (V).

Therefore, Density \* Volume = Mass

grams