

**CHM1025**  
**Review Topics Module 4**

1. Square and cubic unit conversions.
2. Compound (double or fractional) unit conversions.
3. Cubic distance to volume conversion ( 1 mL = 1 cm<sup>3</sup>)
4. Using density as a conversion factor. If  $d = .456 \text{ g/mL}$  then  $.456 \text{ g} = 1 \text{ mL}$
5. Volume by formula of geometric shape ( $V = l \times w \times h$ ) and by volume of water displacement.
6. Calculation of density.
7. Temperature conversions
8. Using the formula  $q = s \times m \times \Delta T$