

**CHM1025**  
**Review Topics Module 3**

1. . Conversions: (USE CONVERSION FACTORS!!)
  - a. metric to metric (go through the unit without prefix. Place the meaning of the prefix in front of the unit without the prefix. Place a 1 in front of the unit with the prefix)
  - b. English to English
  - c. Metric to English (1 in = 2.54 cm (exact), 1 qt.=.946 L (not exact), 1 lb = 454 g (not exact).
  - d. Metric to Metric-Place a 1 in front of the unit with the prefix, the meaning of the prefix goes in front of the unit without the prefix. e.g.  $1\text{cm}/10^{-2}\text{m}$  to convert m to cm.