

## Factor Label Method

$$1. \quad ? \text{ furlongs} = 10 \text{ rods} \left( \frac{5.5 \text{ yd}}{1 \text{ rod}} \right) \left( \frac{1 \text{ furlong}}{220 \text{ yd}} \right)$$

$$\begin{aligned} ? \text{ furlongs} &= 0.25 \text{ furlongs} \\ &= 0.2 \text{ furlongs} \end{aligned}$$

(round to even # if followed by a five)

$$7. \quad ? \text{ cm}^3 = 5 \text{ qt} \left( \frac{1 \text{ L}}{1.06 \text{ qt}} \right) \left( \frac{1000 \text{ mL}}{1 \text{ L}} \right) \left( \frac{1 \text{ cm}^3}{1 \text{ mL}} \right)$$

$$= 4716.98 \text{ cm}^3$$

$$= 5 \times 10^3 \text{ cm}^3$$