

Convert the following measurements (watch your significant digits!). You may need to use the handout with common conversions for some of the problems.

$$1.23 \text{ m} = \underline{\quad 123 \quad} \text{ cm}$$

$$65.48 \text{ kg} = \underline{\quad 6.548 \times 10^7 \quad} \text{ mg}$$

$$0.2597 \text{ L} = \underline{\quad 2.597 \quad} \text{ dL}$$

$$15.1 \text{ miles} = \underline{\quad 24.3 \quad} \text{ km}$$

$$36.4 \text{ in} = \underline{\quad 92.5 \quad} \text{ cm}$$

$$9.2 \text{ cups} = \underline{\quad 2.2 \quad} \text{ Liters (L)}$$

$$2.3 \text{ oz} = \underline{\quad 65 \quad} \text{ grams (g)}$$

$$5.00 \text{ gal} = \underline{\quad 1.89 \times 10^4 \quad} \text{ mL}$$

$$95.1 \text{ km/hr} = \underline{\quad 26.4 \quad} \text{ m/s}$$

$$25.1 \text{ }^\circ\text{C} = \underline{\quad 77.2 \quad} \text{ }^\circ\text{F}$$

$$102.5 \text{ }^\circ\text{C} = \underline{\quad 375.5 \quad} \text{ K}$$

$$65.7 \text{ }^\circ\text{F} = \underline{\quad 292 \quad} \text{ K}$$