

Chapter 10. Measurement and Units

Exercises

1. Convert using the Imperial system.

$$24 \text{ in} = \quad \text{ft}$$

$$8 \text{ yd} = \quad \text{ft}$$

$$4 \text{ wk} = \quad \text{day}$$

$$12 \text{ pt} = \quad \text{qt}$$

$$5 \text{ gal} = \quad \text{pt}$$

2. Convert using the Metric system.

$$4200 \text{ mg} = \quad \text{g}$$

$$450 \text{ cm} = \quad \text{m}$$

$$2000000 \text{ mm} = \quad \text{km}$$

3. Using the Imperial and the Metric Systems combined together convert the units, please show your work.

$$7 \text{ oz} = \quad \text{g}$$

$$12 \text{ gal} = \quad \text{l}$$

$$221 \text{ lb} = \quad \text{kg}$$

$$120 \text{ km/hr} = \quad \text{mi/hr}$$