

1.4
METRIC UNITS
(REVIEW)

IMPORTANT CONVERSIONS

Length:

$$10 \text{ mm} = 1 \text{ cm}$$

$$100 \text{ cm} = 1 \text{ m}$$

$$1,000 \text{ m} = 1 \text{ km}$$

Capacity:

$$1,000 \text{ mL} = 1 \text{ L}$$

Mass:

$$1,000 \text{ mg} = 1 \text{ g}$$

$$1,000 \text{ g} = 1 \text{ kg}$$

CONVERTING UNITS:

Ex) 47 mL = 0.047 L

$$\frac{47 \text{ mL}}{1} \cdot \frac{1 \text{ L}}{1000 \text{ mL}} = \frac{47}{1000} = 0.047 \text{ L}$$

CONVERTING UNITS:

Ex) 20 g = 0.02 kg

$$\frac{20 \text{ g}}{1} \cdot \frac{1 \text{ kg}}{1000 \text{ g}} = \frac{20}{1000} = 0.02 \text{ kg}$$

CONVERTING UNITS:

Ex) 60 mm = 6 cm

$$\frac{60\text{mm}}{1} \cdot \frac{1\text{ cm}}{10\text{ mm}} = \frac{60}{10}$$

$$= 6\text{ cm}$$

CONVERTING UNITS:

Ex) 500 m = 50,000 cm

$$\frac{500\text{m}}{1} \cdot \frac{100\text{ cm}}{1\text{ m}} = 50,000\text{ cm}$$