

Name: _____

MATH 10 A: W - CONVERSIONS

I Length:

30

A. Imperial

1. $3.2 \text{ yd} =$ _____' _____"

2. $9 \text{ mi} =$ _____ in

B. Metric

1. $3.2 \text{ km} =$ _____ m

2. $1045 \text{ cm} =$ _____ m

C. Imperial \leftrightarrow Metric

1. $5 \text{ km} =$ _____ mi

3. $3 \text{ yd } 2 \text{ ft} =$ _____ cm

2. $5 \text{ m} =$ _____' _____"

4. $1.5 \text{ mi} =$ _____ km

II Volume

A. Imperial

1. $3 \text{ GAL} =$ _____ PT 3. $3 \text{ cu ft} =$ _____ cu. in

2. $27 \text{ fl. oz.} =$ _____ PT 4. $6 \text{ (UK) PT.} =$ _____ (UK) fl. oz.

B. Metric

1. $3034 \text{ mL} =$ _____ L 2. $2.5 \text{ kL} =$ _____ L

3. $2.6 \text{ m}^3 =$ _____ mL

4. $150 \text{ cm}^3 =$ _____ L

C. Imperial \leftrightarrow Metric

1. 4 PT = _____ mL 3. 355 mL = _____ fl.oz.

2. 3 GAL = _____ L 4. $2\frac{1}{4}$ L = _____ GAL

III - Weight

A. Imperial

B. Metric

1. 4 T = _____ lb

1. 3 t = _____ kg

2. 96 oz = _____ lb

2. 14.76 g = _____ mg

C. Imperial \leftrightarrow Metric

1. 3 t = _____ T

2. 150 lb = _____ kg

IV - Temperature

1. $3^\circ \text{C} =$ _____ $^\circ \text{F}$

3. $10^\circ \text{F} =$ _____ $^\circ \text{C}$

2. $21^\circ \text{C} =$ _____ $^\circ \text{F}$

4. $30^\circ \text{F} =$ _____ $^\circ \text{C}$