

Name: _____

MATH 10 A: W - VOLUME Pt. 1

I Metric Conversions

1.) $4.52 \text{ ml} =$ _____ cl

2.) $1451 \text{ ml} =$ _____ l

II Imperial Conversions

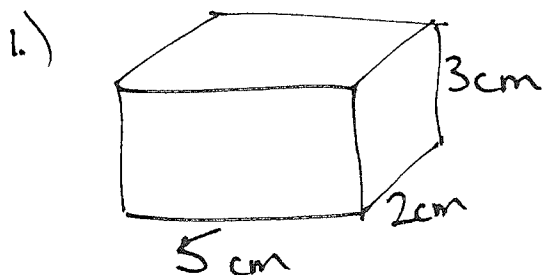
1.) $64 \text{ fl. oz.} =$ _____ pt

2.) $3 \text{ gal} =$ _____ cups

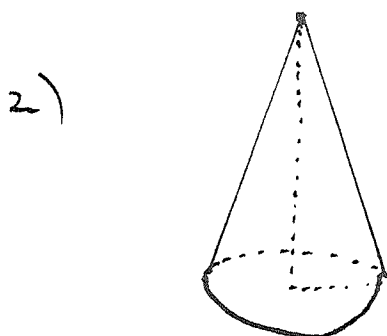
3.) $5 \frac{1}{4} \text{ qt} =$ _____ pt

4.) $3016 \text{ fl. oz.} =$ _____ gal

III Calculate Volume



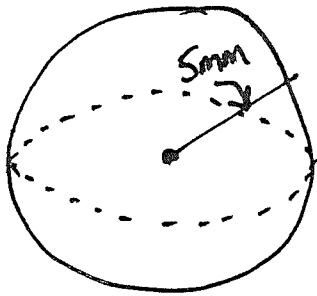
$V =$ _____ cm^3



radius = 2 m
height = 10 m

$V =$ _____ m^3

3.)



(sphere)

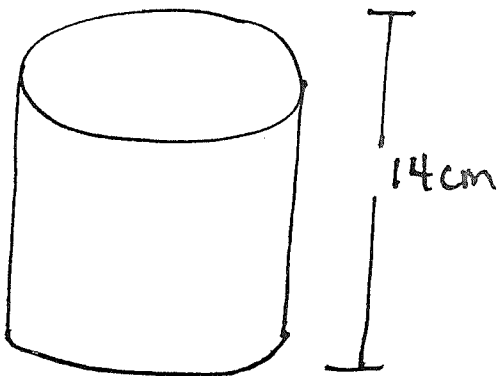
$$V = \underline{\hspace{2cm}} \text{ mm}^3$$

IV

Calculate Volume \Rightarrow Convert to Liters

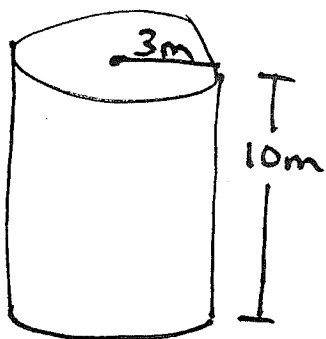
$\longleftarrow 9\text{cm} \longrightarrow$

1.)



$$V = \underline{\hspace{2cm}} \text{ L}$$

2.)



$$V = \underline{\hspace{2cm}} \text{ kL}$$

V

Cubic Metric / Imperial Conversions

1.) $.00426 \text{ mm}^3 = \underline{\hspace{2cm}} \text{ cm}^3$

2.) $29.51 \text{ cm}^3 = \underline{\hspace{2cm}} \text{ m}^3$

3.) $9 \text{ cu yd} = \underline{\hspace{2cm}} \text{ cu in.}$

4.) $31400 \text{ cu in} = \underline{\hspace{2cm}} \text{ cu ft.}$