

**MEASUREMENT ASSIGNMENT-**  
**USE YOUR CONVERSION CHART TO COMPLETE THE FOLLOWING**

Part 1- Measurement

1) Use the table below to convert the following measures into the desired units then fill in the blanks.

A) 6 feet = \_\_\_\_\_ inches

B) 5 yards = \_\_\_\_\_ inches

C) 12 miles = \_\_\_\_\_ kilometers

D) 34 inches = \_\_\_\_\_ cm

E)  $25^{\circ}\text{C}$  = \_\_\_\_\_  $^{\circ}\text{F}$

F) 4 gallons = \_\_\_\_\_ pints

G) 38 litres = \_\_\_\_\_ gallons

H) 5000 mm = \_\_\_\_\_ meters

2) Mary's personal trainer recommended she drink 3 quarts of water per day. Mary bought a case of 250ml bottles of water. How many bottles should she drink each day to equal 2 quarts?

3) If you bought a 24 foot ladder, how many meters would it be?

4) How many square feet is a house that measures 42 squared meters?

5) Joe is 1.75 meters tall, How tall is Joe in feet?

6) Sally has a full 2 gallon jug of Windex. How many 1 pint bottles can she fill?

7) How many pounds are in 88 ounces?.

8) Eric is 5' 7" tall. How many inches tall is Eric?

9) How many pounds are in 2.5 kilograms?

10) Water boils at  $100^{\circ}\text{C}$  . What temperature would this be in Fahrenheit?.

11) If the temperature is  $74^{\circ}\text{F}$  . What temperature would this be in Celsius?

4) Tennis balls are stacked three high in the container shown.

A) Calculate the volume of the container?

B) What is the minimum amount of metal used to make the container?

C) Determine the amount of empty space in a full container.