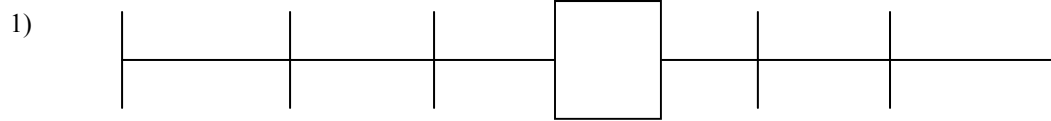


Name _____
 Period _____

MORE PRACTICE (Or is this a Test?), WHY?
 BECAUSE YOU NEED IT!!!!

Complete the table and use for conversions. Always label your work.



2) $3 \text{ km} = ? \text{ dm}$

7) $5.243 \text{ dkL} = ? \text{ hL}$

3) $78.04 \text{ hm} = ? \text{ m}$

8) $.32 \text{ km} = ? \text{ mm}$

4) $468,432.1 \text{ hg} = ? \text{ g}$

9) $156 \text{ cL} = ? \text{ mL}$

5) $2 \text{ m} = ? \text{ mm}$

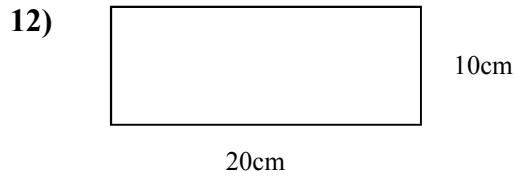
10) $14 \text{ mL} = ? \text{ Cm}^3$

6) $.001 \text{ mg} = ? \text{ cg}$

11) $72 \text{ mg} = ? \text{ dkg}$

Formula for AREA =
 Formula for Volume (Rectangular)=
 Formula for Volume (cylinder)=

Find the area of the rectangle. **Show all your work.**



A= _____

13) Convert No. 12 answer to dkm^2

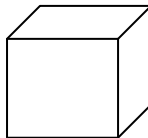
A= _____

14) L= 8 cm, W = 6cm, H = 2cm

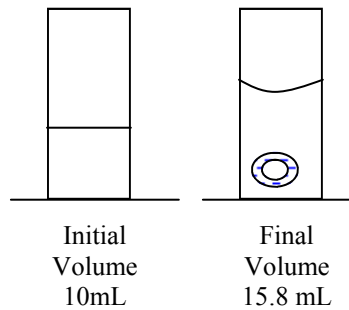
Find the Area _____

15) $65 \text{ cm}^2 = ? \text{ m}^2$

Find the Volume of the rectangle. **Show all work.**

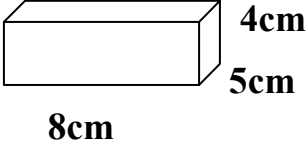
16)  Each Side of the CUBE is 10cm.
 Volume= _____
 How much water could fit in it? _____

17) 1. Calculate *Volume* of Object 



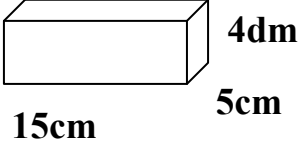
Volume of Object _____


Find the unknown value Remember your formulas and your units.

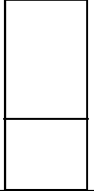
18)  **Mass = 14g**
D=?

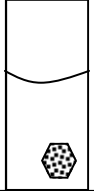
19) **Density = 1g/cm^3**
Volume = 4cm^3 **Mass=?**

20) **Mass 10 kg**
Volume = 74cm^3 **D=?**

21)  **Mass = 5 kg**
D=?

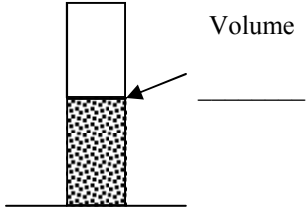
22) Calculate *Density* of Object 
Mass of object 40g
D=?


 Initial
Volume
40 mL

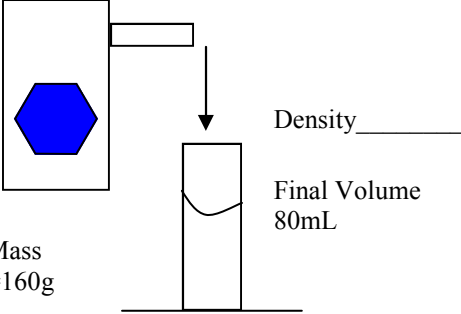

 Final
Volume
45 mL

23) Calculate the *Volume* of the liquid.

Mass: 15g
 Density: $.1\text{g/mL}$

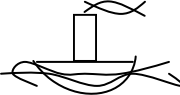


25 Calculate Density of Object



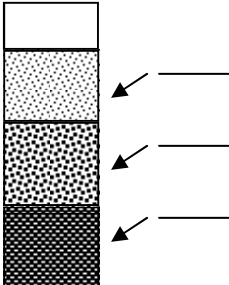
26) Calculate the *Mass* of the Toy.

Density of toy: $.8\text{g/cm}^3$
 Volume of toy: 12.1cm^3
 Mass: _____



Will it Float in water?
 Why?

27). Calculate Relative Densities and determine where each liquid is in graduated cylinder.



Substance A : Volume 25mL and mass 30g
 Substance B: Volume 20mL and mass 20g
 Substance C: Volume 20mL and mass 5g