

Name: _____

Section: _____

Report Form – Metric Measurement

Length and Area

1. Equipment Drawer			
	cm		m*
2. Large Test Tube			
	cm	m*	mm*
3. Crucible			
	cm	m*	mm*
4. Page			
	cm	m*	mm*
Area of Page (Show your calculations on the last page of the Report Form.)			
Length	Width	Area in cm ²	Area in mm ² & m ²
cm	cm	cm ² *	m ² *
			mm ² *

Show the calculations for each of the entries in the Data Table marked with * on the calculations page.

Volume

1. Largest Test Tube		
mL		L*
2. Crucible		
mL		L*
3. Smallest Test Tube		
mL		L*
4. 250 mL beaker–graduated cylinder readings		
mL	mL	mL
Total		
mL*		L*
5. 250 mL beaker–measured as a cylinder		
Height	Diameter	Radius*
cm	cm	cm
Volume		cm ³ *

Show the calculations for each of the entries in the Data Table marked with * on the calculations page

Question: Why should the volumes be the same? Why aren't they the same?

Mass

1. Crucible	
g	mg*
2. Crucible Lid	
g	mg*
3. Crucible and Lid	
g	mg*
4. Sum of Crucible and Lid	
Crucible	g
Lid	g
Sum	g
5. Equipment Slip	
g	mg*

Show the calculations for each of the entries in the Data Table marked with * on the calculations page.

Calculations

Show the calculations for each of the entries in the Data Table marked with * below.