**Foundations of Mathematics and Pre-Calculus 10**

**Chapter 1: Measuring Systems, Surface Area, and Volume**

**Test Deadline**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Chapter Project – (do one of the two following activities)**

1. Do the “By Tens and Tenths” activity (get worksheet from me)

**OR**

1. Write a paper containing two equal parts. In one, defend the thesis “the

United States should officially adopt the metric system”. In the other,

defend the thesis “the United States should not officially adopt the metric system”. After presenting your best case for each side, say which one is

more convincing to you and briefly explain why.

**Daily Assignments**

**1.1 – Metric Systems**

* Watch lesson video and complete notes
* Assignment: p. 6 #1, 3, 4, 5, 6 (a,c,e,g,i,k,m,o); 7 - 16 (do any 5)

**1.2 - Imperial Systems**

* Watch lesson video and complete notes
* Assignment: p. 12 #1 - 5 (a,c,e,g,i); 6 - 11 (any 3)

**1.3 – Converting Metric and Imperial Systems**

* Watch lesson video and complete notes
* Assignment: p. 17 #1 - 5 (a,c,e,g,i,k,m); 6 - 15 (any 5)

**1.4 – Surface Area and Volume of Prisms (part 1 of 2)**

* Quiz #1 – sections 1.1 / 1.2 / 1.3 (make corrections)
* Watch lesson video and complete notes
* Assignment: p. 25 (\* volume only \*) #1 (a,b,c,d,e,f,g); 2, 3, 5, 7, 8, 9, 11, 12, 13, 14, 15, 16 (skip any 4)

**1.4 – Surface Area and Volume of Prisms (part 2 of 2)**

* Watch lesson video and complete notes
* Assignment: p. 25 (\*surface area only\*) #1 (a,b,c,d,e,i,j); 4, 6, 10, 17 (skip any 1)

* 1. **– Surface Area and Volume of Pyramids**
* Watch lesson video and complete notes
* Assignment: p. 35 #1 - 2 (a,c,e,g); 3 (a,c,d); 8, 9, 11, 15, 16, 17, 18

(do any 3)

**1.6 – Surface Area and Volume of Cylinders, Cones, and Spheres**

* Quiz # 2 – sections 1.4 / 1.5 (make corrections)
* Watch lesson video and complete notes
* Assignment: p. 44 #1 (skip any 2); 4 - 8, 10 - 22 (do any 5)

**1.7 – Chapter Review**

* Practice Test
* Assignment: p. 52 #1 – 4 (a,c,e,g); 5 (a,b,c); 6, 8, 11