

Pre calc and College Prep Math Group studies Week 10 and Week 11

You must work in your teams to compile the notes analytically and solve sample problems to demonstrate your understanding (odd numbers). Use this time wisely.

Feel free to take pictures of the book for out of class study.

Chapter 6: pp 447

6.3 Trigonometric Identities: **pp 465**

6.4 Sum and Difference Formulas: **pp 473**

6.5 Double-angle and half-angle Formula: **pp 483 *****

6.6 Product-to-Sum and Sum-to-Product Formulas: **pp 493**

Chapter 7: pp 517

7.1 Right triangle trigonometry applications: **pp 518**

7.2 The Law of Sines: **pp531**

7.3 The Law of Cosines: **pp543**

7.4 Area of a Triangle: **pp 549 *****

Project Due week 11 Friday 11-04-2016 no extended time:

***** means will help you on the project**

You must show all details to earn a passing grade on this project

28. In triangle ABC , $m\angle A = 2x$, $AB = 5$, $AC = \frac{\sqrt{6}}{4}$ and $\sin(x) = \frac{1}{5}$. Find the area of the triangle.