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| 1. Discuss the syllabus and classroom procedures.

**Homework:**(1) Remember to return your completed Classroom Procedures (page 3 of the attached document), signed and dated by both you and your parents/guardians. (2) Join classroom.google.com for this course. The code is **iyeheqw.** 1. Get to know each other.
2. Discuss *The Complex Number System*
3. Overview of the first unit.
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**THURSDAY (8.8.24)** |
| **UNIT INSTRUCTIONAL OBJECTIVES, *Chapter 4, Section 1, Angles and Their Measures*, Pages 312 – 317. (Note: It will take several class periods to cover all these concepts. Initially, we will talk about the highlighted concepts.)****Students will understand and apply the following concepts:*** Angular measure in degrees, minutes, seconds
* Conversion of angles in degrees, minutes, seconds to decimal degrees
* Conversion of angles in decimal degrees to degrees, minutes, seconds
* Definition of radian measure
* Conversion of radians to degrees
* Conversion of degrees to radians
* Use of the TI-83/84 to do the above conversions
* Computation of arc length (radian measure)
* Computation of arc length (degree measure).
* Use of the unit circle to understand the association between radians and degrees
* Computation of area of a sector
* Definitions of the 6 trigonometric functions using right triangle trigonometry
* Definitions of the 6 trigonometric functions using unit circle trigonometry

**Technology:** Graphing calculator (TI-84) |
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