|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | **OBJECTIVES (Fundamental Identities, Section 5.1, Pages 396 – 405)** | | • Learn about the Reciprocal Identities, the Quotient Identities, the Pythagorean Identities, the Cofunction Identities, and the Odd-Even Identities. | | • Simplify Trigonometric Expressions. | | • Solve Trigonometric Equations. | | • Prove Trigonometric Identities. |   **TUESDAY (1.21.25)**   |  | | --- | | * **ENTRY WORK:** | | 1)Simplify: **sec2θ – 1**  **sec2θ.**  2) *Simplify* ***csc2θ – cot2θ.*** | |

* **Discuss the previously assigned work** on page 403, ***Exercises,*** #5, 7, 11 and #6 – 16, even.
* **Class Work/Homework:** Pages 403 and 404: #17 – 31, odd.

**THURSDAY (1.23.25)**

* **Discuss the previously assigned work** on pages 403 and 404: #17 – 31, odd.
* **Class Work/Homework:**
* Read and take notes on page 401, starting with *Solving Trigonometric Equations,* to page 403.
* Pages 404, 405: 51, 53, 55, 87.