|  |
| --- |
| **U UNIT INSTRUCTIONAL OBJECTIVES (**Pages 322 – 327, andpages 381 – 383, ending with Example 4)  Students will understand and apply the following concepts:   * Definitions of the 6 trigonometric functions using right triangle trigonometry. * Evaluation of the 6 trigonometric functions with a calculator. * Evaluation of the 6 trigonometric functions of the special angles (30o, 60o, 45o). * Application of right triangle trigonometry to actual situations. * The significance *of angle of depression* and *angle of elevation*. * The relationship between the pairs of trigonometric cofunctions.   **Technology:** Graphing calculator (TI-83 or TI-84) |
| **TUESDAY (9.10.24)**  Any questions about the previously assigned work?   * Page 387 (#8, 11, 13, 15).   **Class Work: Review of the Trigonometric Values of the Special Angles.**  **Class Work/Homework:** Page 330 (#77, 78); page 387 (#14, 16).  **THURSDAY (9.12.24)**  **Discuss the previously assigned work.**  **Learn about the 3 pairs of cofunctions.**  **Fill in these blanks:**   1. sin(10o) = cos (\_\_\_\_\_\_\_) 2. sec (43o) = csc (\_\_\_\_\_\_\_) 3. tan (36o) = cot (\_\_\_\_\_\_\_\_)   **Class Work/Homework:**   * Page 388 (#24, 25). * **Study for a Quiz (Trigonometric Values of the Special Angles) to be taken on Friday.**   **FRIDAY (9.13.24)**  **Discuss the previously assigned work.**  **Quiz: Trigonometric Values of the Special Angles**  **Review: Right Triangle Trig Review (to be received in class).** |