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| **OBJECTIVES \_\_Chapter 4: Section 4.2, Trigonometric Functions of Acute Angles (Pages 322 – 327).** |
| * Distinguish between an oblique and a right triangle.
 |
| * Use the Pythagorean Triangle to find the 3rd side of a right triangle when given the other 2 sides.
 |
| * Be able to express a radical answer in simplest radical form.
 |
| * Find the six trigonometric functions by using the sides of a right triangle.
 |
| * Be able to find an acute angle in a right triangle by using the inverse trig function of the ratio of the corresponding 2 sides.
 |
| * Find the six trig functions of the special angles 30, 45, and 90 degrees. Give exact values.
 |
| * Apply right triangle trigonometry to actual situations.
 |
| * Distinguish between angles of depression and elevation.
 |

**TUESDAY (3.11.25)**

* **Homework Check of these previously assigned problems:**

Pages 386, 387, ***Exercises*** (#1 – 3, 5 – 8, 10).

* **Class Work/Homework:** Page 387 (#11 – 13, 15).

**THURSDAY (3.13.25)**

* **Discussion of the previously assigned problems:** Page 387 (#11 – 13, 15).

* **Class Work/Homework:** Pages 387, 388 (#16, 20 – 22).

**FRIDAY (3.14.25) A-DAY, No Class**

**TUESDAY (3.25.25)**

* **Discussion of the previously assigned problems:** Pages 387, 388 (#16, 20 – 22).
* **Class Work/Homework: Page 394 (#95 – 98, 101, 102).**