**Unit 5: Right Triangle Trig.**

**By the end of the unit students will be able to:**

* Solve for missing sides and angles in right triangles
* Solve for missing sides and angles in non-right triangles
* Label Opposite, Adjacent, and Hypotenuse of a right triangle
* Find angles of elevation and depression
* Find the area of right and non-right triangles

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| **Day** | **Date** |  **Lesson** | **Assignment** |
| 1 | TuesdayMarch 22 | Right Triangle Trig. Labeling Sides and Calculator Intro. | Homework 5-1#1-15 *(2 pages)* |
| 2 | WednesdayMarch 23 | Right Triangle Trig: Missing Sides and Angles  | HW 5-2 Part 1 # 1-12HW 5-2 Part 2 #1-12*(24 total Problems)* |
| 3 | ThursdayMarch 24 | Review and Quiz on Days 1 and 2 | Homework 5-3 #13-24 |
|  | FridayMarch 25 | Holiday | Enjoy your Spring Break! |
| 4 | MondayApril 4 | Angle of Elevation and Depression | Homework 5-4 |
| 4 | TuesdayApril 5 | Angle of Elevation and Depression (cont) |  |
| 5 | WednesdayApril 6 | Ange of Elevation and Depression (cont) |  |
| 6 | ThursdayApril 7 | Area of a Triangle***Quiz 2*** | Homework 5-6 |
| 7 | FridayApril 8 | Review for Unit 5 Test  | Review Sheet#1-22 |
| 8 | MondayApril 11 | Test Unit 5 |  |