AFM – Unit 1 Right Triangle Trigonometry

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Lesson/Objective** | **Homework** | **Checked** |
| **Day 1:**  Monday  Aug. 28 | ***Welcome and Expectations***  ***Review Trigonometric Ratios*** | Student Information Packet |  |
| **Day 2:**  Tuesday  Aug. 29 | **Right Triangle Trig. Missing sides and angles**  *Objective: To set up trigonometric ratios to solve for missing sides and angles in right triangles* | Practice 1 |  |
| **Day 3:**  Wednesday  Aug. 30 | **Angles of Elevation and Depression**  *Objective: To solve real world application problems by setting up trigonometric ratios to solve for missing sides and angles*  **.** | Practice 2 |  |
| **Day 4:**  Thursday  Aug. 31 | **Angles of Elevation and Depression**  *Objective: To solve real world application problems by setting up trigonometric ratios to solve for missing sides and angles* | Practice 3 |  |
| **Day 5:**  Friday  Sept 1. | **QUIZ 1 Days 1-4**  **Law of Sines**  *Objective: To solve non-right triangles using the law of sines.* | Practice 4 |  |
| Monday  Sep. 4 | **Holiday** |  |  |
| **Day 6:**  Tuesday  Sep. 5 | **Law of Sines (Ambiguous Case)**  *Objective: To solve non-right triangles using the law of sines.* | Practice 5 |  |
| **Day 7:**  Wednesday  Sep. 6 | **Law of Cosines**  *Objective: To solve non-right triangles using the law of cosines.* | Practice 6 |  |
| **Day 8:**  Thursday  Sep. 7 | ***Area of non-right triangles***  *Objective: To find the area of non-right triangles.* | Practice 7 |  |
| **Day 9:**  Friday  Sep. 8 | **Review for Unit 1 Test**  *Objective: Prepare for Unit 1 Test* | Review Homework |  |
| **Day 10:**  Monday  Sep. 11 | **Unit 1 Test** |  |  |