AFM – Unit 1 Right Triangle Trigonometry

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Lesson/Objective** | **Homework** | **Checked** |
| **Day 1:**MondayAug. 28  | ***Welcome and Expectations******Review Trigonometric Ratios*** | Student Information Packet |  |
| **Day 2:**TuesdayAug. 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:**ThursdayAug. 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:**FridaySept 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:**TuesdaySep. 5 | **Law of Sines (Ambiguous Case)***Objective: To solve non-right triangles using the law of sines.* | Practice 5 |  |
| **Day 7:**WednesdaySep. 6 | **Law of Cosines***Objective: To solve non-right triangles using the law of cosines.* | Practice 6 |  |
| **Day 8:**ThursdaySep. 7 | ***Area of non-right triangles****Objective: To find the area of non-right triangles.* | Practice 7 |  |
| **Day 9:**FridaySep. 8 | **Review for Unit 1 Test***Objective: Prepare for Unit 1 Test* | Review Homework |  |
| **Day 10:**MondaySep. 11 | **Unit 1 Test** |  |  |