

1 Outline of Unit

Duration: 10 days, including quiz, practical applications, review, and unit test.

- Describe an oblique triangle; characterize what is and is not known.
- State and use the Law of Sines.
- Calculate how many solutions will exist.
- State and use the Law of Cosines.
- Calculate the area of a triangle.
- Applications
 - Triangulation
 - Navigation
 - Calculating distances, heights, and other measures.

2 Deliverables

- **Worksheet 9** - Solving AAS triangles
- **Worksheet 10** - Counting solutions
- **Worksheet 11** - Solving SAS triangles
- **Worksheet 12** - Solving SSS triangles
- **Worksheet 13** - Solving SAS triangles
- **Worksheet 14** - Calculating the area of triangles.
- **Quiz** - Solving Triangles.
- **Unit Test** - Scheduled for Feb 20.