**Chapter 1: Trigonometry Name**

**Unit Goal:**

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| **Lesson** | **Date** | **Learning Goal** | **Must complete** |
| 1.1 |  | Reviewing Trigonometric Ratios   * Reviewing SOH CAH TOA * Use trigonometric Ratios to solve right angle triangles | Workbook Pg 3   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |  |  |  |  |  |  |  | |
| 1.2 |  | Solving problems using trigonometric ratios   * Use trigonometric ratios to solve application questions | Workbook Pg 6   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 1 | 2 | 4 | 5 | 7 | 8 | |  |  |  |  |  |  | |
| 1.3 |  | The Sine Law   * Use Sine law to find angle and side lengths of triangles | Workbook Pg 9   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 1 | 2 | 3 | 4 | 5 | 6 | |  |  |  |  |  |  | |
| 1.4 |  | The Cosine Law   * Use relationships between lengths of three sides and a cosine of an angle in any tringle to find missing measurements | Workbook Pg 12   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 1 | 2 | 3 | 4 | 7 | 8 | |  |  |  |  |  |  | |
| 1.5 |  | Making Decisions Using Trigonometry   * Understanding when to use the trigonometric tools (primary trigonometric ratios, sine law, cosine law) | Workbook Pg 15   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 1 | 2 | 3 | 4 | 5 | 6 | |  |  |  |  |  |  | |
| Review |  | **Expected Grade:**  **Trigonometry review** | Workbook Pg 17   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |  |  |  |  |  |  |  |  |   Textbook p52   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 12 | 13 | 14 | 15 | 16 | 17 | |  |  |  |  |  |  | |
| **Test** |  | **Grade:** |  |

**Reflection: How did this unit go?**

If you achieved your goals, what learning strategies and work habits did you use that worked well? What might help you do even better next time?

If you failed to achieve you goals, what changes will you make during the next unit?