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| **OBJECTIVES: CHAPTER 5, Sections 5 and 6 (Pages 427 – 441)** | **OBJECTIVES: CHAPTER 5, Section 5 (Pages 427 – 434)** |
| Know what must be given in order to use the Law of Sines: AAS, ASA, and **SSA** (The Ambiguous Case!) | Know what must be given in order to use the Law of Sines: AAS, ASA, and **SSA** (The Ambiguous Case!) |
| Solve triangles using the Law of Sines.  | Solve triangles using the Law of Sines.  |
| Solve real world problems using the Law of Sines. | Solve real world problems using the Law of Sines. |
| Know what must be given in order to use the Law of Cosines: SAS, SSS |  |
| Solve triangles using the Law of Cosines. |  |
| Solve real world problems using the Law of Cosines. |  |

**TUESDAY (12.10.24)** * **Discuss the previously assigned work:** Pages 440, 441, **Exercises,** #1, 3, 5, 9.
* **Learn how to find the area of an oblique triangle by using**
* The Law of Sines Area Formula (SAS)
* Hero’s (Heron’s) Formula (SSS).
* **Class Work/Homework:** Page 441 (#17, 19, 21, 23, 29).

**THURSDAY (12.12.24)** * **Discuss the previously assigned work:** Page 441 (#17, 19, 21, 23, 29).
* **Class Work/Homework: Page** 441 (#35); Page 442 (#38); Page 442 (#50).

**FRIDAY (12.13.24)** * **Discuss the previously assigned work: Page** 441 (#35); Page 442 (#38); Page 442 (#50).
* **Review for your Midterm Exam.**
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***Please note the GTCHS Midterm Exam Schedule below:***

You may use your calculator and 2 sheets of paper, 8.5 by 11 inches, front and back, when you take your midterm exam.

