








= Quiz/Test Days

GEOMETRY - PALUMBO




Unit 6 Pat III - Right Triangles

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|---|--|--|---|--|
| Jan. 29th <i>Late Start 8:50 am</i> Day 14 Review Homework: Study Guide | Jan. 30th Day 15 QUIZ  Homework: TBD | Jan. 31st Day 16 Law of Sines Homework: p. 525 #6 - 14 evens | Feb. 1st Day 17 Law of Sines Homework: Quizizz CODE: _____ | Feb. 2nd Day 18 Law of Cosines Homework: p. 529 #5-8, 13-15, 19-21 |
| Feb. 5th Day 19 Law of Cosines Homework: Worksheet | Feb. 6th Day 20 Review Homework: p. 537 #1-21 | Feb. 7th Day 21 Test  Homework: None 😊 | Email: epalumbo@hinsdale86.org WebSite: hinsdalemath.weebly.com Extra HELP - Room 307 after school | |

****The Unit 6 Test will cover all material covered on the last two quizzes and this calendar****

| Learning Targets: |  |  |  |
|---|---|---|---|
| I can use the Law of Sines to find an angle or side in a triangle. | | | |
| I can use the Law of Cosines to find an angle or side in a triangle. | | | |
| I can identify when to use Pythagorean Theorem, Right Triangle Trig, Law of Sines, or Law of Cosines to solve problems. | | | |

UNIT 6 TEST LEARNING TARGETS

| Learning Targets: |  |  |  |
|---|---|---|---|
| I can simplify radicals. | | | |
| I can rationalize the denominator. | | | |
| I can use Pythagorean Theorem to find side lengths. | | | |
| I can use the Converse of Pythagorean Theorem to identify obtuse, right, and acute triangles. | | | |
| I can find missing side lengths in Special Right Triangles. | | | |
| I can name the opposite, adjacent, and hypotenuse sides of a right triangle. | | | |
| I can define and identify sine, cosine, and tangent ratios. | | | |
| I can use Right Triangle Trigonometry to find missing sides in right triangles. (Sine, Cosine, Tangent) | | | |
| I can use inverse trigonometry to find missing angles in right triangles. | | | |
| I can solve application problems using angles of elevation and depression in right triangles. | | | |
| I can use the Law of Sines to find an angle or side in a triangle. | | | |
| I can use the Law of Cosines to find an angle or side in a triangle. | | | |
| I can identify when to use Pythagorean Theorem, Right Triangle Trig, Law of Sines, or Law of Cosines to solve problems. | | | |