






Chapter 8: Right Triangles and Trigonometry

Monday	Tuesday	Wednesday	Thursday	Friday
		Feb. 14th Chapter 7 Test Homework: Worksheet *Watch video on the website for extra support ☺	Feb. 15th Day 1 Section 5.7 The Pythagorean Theorem Homework: Page 364 #2-4, 9, 10, 16, 23, 30, 32, 38, 40, 51	Feb. 16th Day 2 Section 5.7 Triples Homework: Worksheet
Feb. 19th Day 3 Section 5.7 Quizizz Practice Code: 912658 Homework: Worksheet	Feb. 20th Day 4 Section 5.8 45-45-90 Homework: Worksheet & Page 372-3 # 1-3, 10, 19	Feb. 21st Day 5 Section 5.8 30-60-90 Homework: Page 381 #47-62	Feb. 22nd Day 6 Review Homework: Worksheet & STUDY!!!!	Feb. 23rd Day 7 5.7-5.8 QUIZ  Homework: None ☺
Feb. 26th Day 8 Section 8.2 Homework: Pg. 545 #3-17(odd), 18-21, 43, 48, 49	Feb. 27th Day 9 Section 8.2 Homework: Worksheet	Feb. 28th Day 10 Section 8.3 Homework: Pg. 555 #1, 13-14, 39, 41, 43, 48, 54, 56, 62, 69	Mar. 1st Day 11 Section 8.3 Homework: Pg. 561 #8-20	Mar. 2nd NO SCHOOL! TEACHER INSTITUTE DAY
Mar. 5th Late Start Day 12 Section 8.4 Homework: Pg. 565 #1-6, 8-9, 15, 17-19, 21-25	March 6th Day 13 Section 8.4 Homework: Study Guide	March 7th Day 14 Review Homework: Study Guide	March 8th Day 15 CHAPTER 8 TEST  Homework: Study Guide for Cumulative	March 9th Review for Cumulative Homework: Study Guide for Cumulative
Mar. 12th Late Start/ Winter Assembly Review Homework: Study for Exam	Mar. 13th QUARTER 3 CUMULATIVE EXAM 	Email: epalumbo@hinsdale86.org Website: hinsdalemath.weebly.com Extra HELP - Room 102		

Schedule is subject to change.

If you are absent it is up to you to show me the missing work for credit!!! I will not remind you!*

Before the test, complete column three by:

- ✗ Circling the descriptor that best describes how you feel about your mastery of each objective.
 - ☺ = I know I can correctly teach this topic to another student if asked.
 - ☹ = I know the topic and can work through the problem but am unsure whether I am correct.
 - ☹ = I do not know how to start or complete the problem. I need to ask for help!
- ✗ Note: IF IT IS NOT A ☺, YOU PROBABLY ARE NOT READY FOR THE QUIZ/TEST!!!!!!

Learning Target	Example	Self-Assessment
Section 5.7 – The Pythagorean Theorem		
a) Use the Pythagorean Theorem and its converse to solve problems	Pg 364#2-5	☺ ☹ ☹
b) Identify and use Pythagorean triples to find a side of a triangle	Pg 364 #6-8	☺ ☹ ☹
c) Use the Pythagorean Inequality Theorem to classify triangles	Pg 364 #9-14	☺ ☹ ☹
Section 5.8 – Applying Special Right Triangles		
a) Find side lengths of a $45^\circ - 45^\circ - 90^\circ$ triangle	Pg 372 #1-3	☺ ☹ ☹
b) Find side lengths of a $30^\circ - 60^\circ - 90^\circ$ triangle	Pg 372 #5-7	☺ ☹ ☹
Section 8.2 – Trigonometric Ratios		
a) Write trigonometric ratios for a right triangle	Pg 545 #3-5	☺ ☹ ☹
b) Use a calculator to find decimal trigonometric ratio	Pg 545 #12-15	☺ ☹ ☹
c) Use trig ratios to find side lengths of a right triangle	Pg 545 #18-20	☺ ☹ ☹
Section 8.3 – Solving Right Triangles		
a) Use a calculator to find an angle measure, given a trigonometric ratio	Pg 555 #7-12	☺ ☹ ☹
b) Solve a right triangle by finding all sides and angle measures	Pg 555 #13-15	☺ ☹ ☹
Section 8.4 – Angles of Elevation and Depression		
a) Identify the angle of elevation and depression	Pg 565 #3-6	☺ ☹ ☹
b) Solve real world problems using trigonometry	Pg 565 #7-9	☺ ☹ ☹

After the test, complete the last column before answering the questions below.

- 1) How long did you study for the test? ☺ ☹ ☹

- 2) If you reached your goal that you set for yourself, what helped you do so? ☺ ☹ ☹
If you did not reach your goal, why not?

- 3) What concepts do you still need extra practice on in order to understand them better? ☺ ☹ ☹