

Geometry & CP

<p>Lesson Objective(s): Students will use inverse trigonometric ratios. Students will solve right triangles.</p> <p>Previous Learning: Students are familiar with sine, cosine, and tangent ratios and have used these ratios to solve for missing sides of a right triangle.</p> <p>New Vocabulary: inverse tangent, inverse sine, inverse cosine, solve a right triangle</p> <p>Materials for Teacher: the Table of Trigonometric Ratios</p> <p>Materials for Students: dynamic geometry software, calculators</p>	<p>CC State Standards</p> <p>HSG-SRT.C.8 HSG-MG.A.1 HSG-MG.A.3</p>	<p>CC Mathematical Practice Focus</p> <p>MP6</p>
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Q3: Feb 5-9, 2024
Mrs. Pletcher
Chapter 9 Sections 4-6

Overview of Week

Monday - Review worksheets questions - collect for a grade after use on the

Pop **QUIZ with use of notes --** Use answer from worksheet copied onto paper as well as projected problem

Complete the assigned **EDPUZZLE** and place notes for its 3 problems on pg. 269 in student journal with triangle drawn and equation.

Tuesday - Notes Section 9.6 on Inverse option on trig functions for finding the angles

Use Student Journal pg. 269-271 complete with them.

Assignment worksheet packet back to do "Right Triangle Solving" # 1-8

Wednesday - Review Tues. Assignment and discuss the solving of a triangle by pythagorean theorem as well as angles by 180 sum to finish.

Assignment to finish Worksheet 9.5 Practice A & Puzzletime

Thursday - Worksheet 9.6 Practice A & Puzzletime

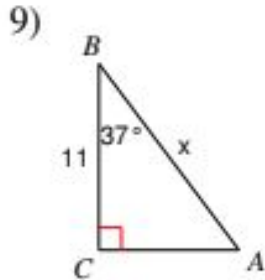
Friday - **Quiz** on solving for an angle or a side - 15 points

Write word problems - use pictures from packet of problems and place on slide show to copy over to group work.

Monday Quiz

- 1) Copy answer with work from #9 Friday Worksheet

Find the measure of each side indicated.

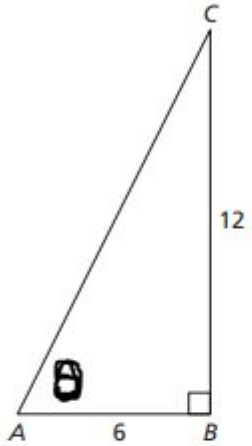


- 2) Complete the following problem:



Friday Quiz Sample --- find value of angle marked or side

7.



9.

