

# Geometry CP

Q3: Jan 22-26, 2024  
Mrs. Pletcher

# Overview of Week

Monday - Makeups from Q2 & Midterm

Tuesday - SLO Pretest - Trig Use on Right Triangles

Wednesday - Drawing and notes for special right triangles Section 9.2

Thursday - Practice with special right triangles

Friday - Exit Ticket of Special Right Triangles

\*\*\* without notes nor calculator (memorize pattern)

Drawing and notes for the TANGENT function of a right triangle.

# Wednesday

Use Student Journal for the creation of special right triangles as

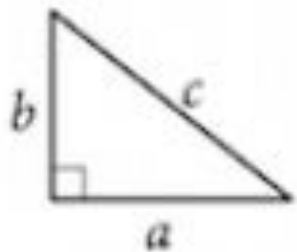
45-45-90            uses the diagonal of a square

30-60-90            uses the perpendicular angle bisector of equilateral triangle

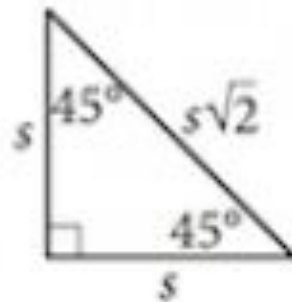
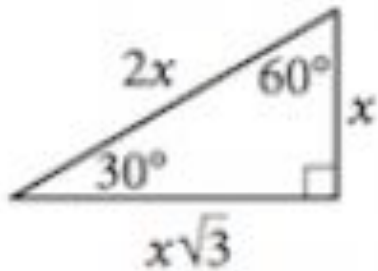
Pgs. 247-251        Complete as notes with the teacher.

Do [Bigideasmath.com](http://Bigideasmath.com) 9.2 Online Assignment

# SAT sample from their formula sheet



$$c^2 = a^2 + b^2$$



Special Right Triangles

# Thursday

Practice with the KUTA software worksheet on special triangles

Kuta Software - Infinite Geometry

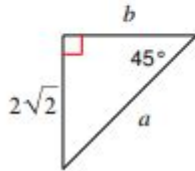
Name \_\_\_\_\_

Special Right Triangles

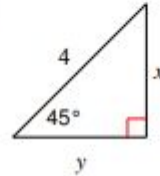
Date \_\_\_\_\_ Period \_\_\_\_\_

**Find the missing side lengths. Leave your answers as radicals in simplest form.**

1)



2)



Complete online [bigideasmath.com](http://bigideasmath.com) 9.2 section

# Friday

Exit Ticket on Special Triangles without notes ( 10 points - 10 minutes)

Use Student Journal Pgs. 257-261 Complete as notes with the teacher.

Tangent Trig Ratio --- relate to Slope as rise/run and SAS similarity

Complete Worksheet Practice A for homework