Geometry

Week of
October 16-20, 2023

General Class Periods 4&5

Week Starts: Chapter 1 Posttest RETEACH

Testing again on **WEDNESDAY**

The objective is to use of pythagorean theorem in perimeter calculation and finding area of composite figures from the area of triangles and rectangles.

Monday: Few students out for FFA trip --- Collect fencing problem

Complete 2 online assignments that will be reviewed tomorrow (12 + 5 problems) 2 checks

SECTION 1.3 EXERCISES	**1.3 Review Practice** Geometry: CC 2015 Problem Set: Custom (12/53) Start: 10/16/2023 9:06AM	Using Midpoint and Distance Formulas Students: All Due: 10/18/2023 8:00AM
SECTION 1.4 EXERCISES	**1.4 Area Perimeter** Geometry: CC 2015 Problem Set: Custom (5/44) Start: 10/16/2023 9:30AM	Perimeter and Area in the Coordinate Plane Students: All Due: 10/18/2023 8:00AM

Tuesday: **Few students at Speech.** **REVIEW DAY**

Review all worksheets/online assignments in preparation for test tomorrow.

Monday's online assignments will be open for makeups/review questions.

Today is club day so tutoring 9th period available and after school.

Wednesday - testing again off chapter 1 --- some out on health trip

TEST

Use an alternative application problem like the 3 different past worksheets

- Charm Problem
- Weird Polygon area by subtraction method off rectangle area
- Fencing yard problem

AND Chapter 3 Warmup Resource sheet

Assign student journal pg. 64 for classwork/homework on slope and equations from Algebra

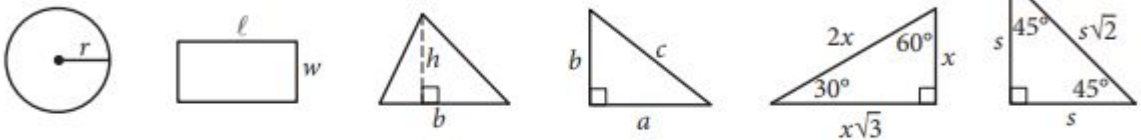
PSAT tomorrow so look over formula sheet.

PSAT/SAT formula sheet (no calculator section also)

https://www.khanacademy.org/mission/sat/practice/math

which $f(x)$ is a real number.

REFERENCE



$A = \pi r^2$
$C = 2\pi r$

$A = \ell w$

$A = \frac{1}{2}bh$

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

Special Right Triangles

$V = \ell wh$

$V = \pi r^2 h$

$V = \frac{4}{3}\pi r^3$

$V = \frac{1}{3}\pi r^2 h$

$V = \frac{1}{3}\ell wh$

The number of degrees of arc in a circle is 360.
The number of radians of arc in a circle is 2π.
The sum of the measures in degrees of the angles of a triangle is 180.

Activat

Thursday: Few out for PSAT --- Section 3.1 notes and activities

Geometry Lesson 3.1: Pairs of Lines and Angles
Essential Question: What does it mean when two lines are parallel, intersecting, coincident, or skew?

Lesson Objective(s): Students will identify lines and planes. Students will identify parallel and perpendicular lines. Students will identify pairs of angles formed by transversals. **Previous Learning:** In grade 8, students were introduced to the angles formed when a transversal intersects two other lines. **New Vocabulary:** parallel lines, skew lines, parallel planes, transversal, corresponding angles, alternate interior angles, alternate exterior angles, consecutive interior angles **Previous Vocabulary:** perpendicular lines	**CC State Standards** HSG-CO.A.1

Use the student journal pg. 65-67 for notes and examples.

Assign to complete Puzzletime 3.1 with blanks filled in with words not just code.

FRIDAY --- makeup day for ones out throughout the week

Use Section 3.1 Practice worksheets A and B to complete