

# Week Nov 11-15

# CP Geometry

# Lesson Overviews

**Monday-** no class as teacher-parent conferences and inservice

**Tuesday-** Warmup Google Classroom Assignment Link

--- post screenshot of your computer screen at 5.1 Practice #21 as next slide example shows

Start work on the online Dynamic Classroom 5.1 Practice # 1-5,9-34

(Use scratch paper/copy diagram onto notepaper # 27-34 especially)

After 20 minutes, pause online and complete pg 77 with Mrs. Pletcher in soft book for more instruction on isosceles triangles.

**Wednesday** - Warmup Online Dynamic Classroom - section 5.4 Practice # 1-8, 11-18, 21, 23

After 20 minutes, pause online and complete pg 73 with Mrs. Pletcher in soft book for more instruction on congruent triangles.

Finish online assignments and any work from pg 71,73,77 for homework.

**Thursday** - Review for homeworks as quiz on sections 1,2,4 of chapter 5 tomorrow.

Takehome/Online Part of Test grade is the online CHAPTER 5 REVIEW for sections as # 1-12, 17-23

**Friday** - Inclass portion of Quiz/TEST on sections.

# Sample of Screen shot of Mrs. Pletcher Dynamic classroom

The screenshot displays the Big Ideas Math dynamic classroom interface. The browser address bar shows the URL: `bigideasmath.com/MRL/public/app/#/mortimer/teacher/dynamic-classroom`. The navigation bar includes links for Dashboard, Dynamic Classroom, Practice, Resources, Assessments, and Class Management. The current page is titled "5.1 Angles of Triangles" and shows a "TABLE OF CONTENTS" sidebar on the left. The main content area displays "Exercises 1 - 50" and a specific practice problem: "Sec. 5.1 > 5.1 Practice: Exercises 1 - 50 #21". The problem text reads: "Find the measure of each acute angle in a right triangle where the measure of one acute angle is 5 times the measure of the other acute angle. The smaller acute angle measures  ° and the larger acute angle measures  °." Below the problem is a navigation bar with buttons for "Check", "Guided Solution", "Skills Review", and "Listen". A progress indicator shows a sequence of numbers from 16 to 25, with 21 highlighted. The interface also includes a "Support powered by CalcChat and CalcView" logo and a "My Notes" button.

## Notice

# 21 has check and guided solution video.

## Notice

TABLE of contents opened at side

# Week's Objectives

## Section 5.1: Angles of Triangles

**Common Core State Standards:** G.CO.C.10

**Learning Target:** Prove and use theorems about angles of triangles.

**Success Criteria**

- Classify triangles by sides and by angles.
- Prove theorems about angles of triangles.
- Find interior and exterior angle measures of triangles.

**Vocabulary:** interior angles, exterior angles, corollary to a theorem

## Section 5.4: Equilateral and Isosceles Triangles

**Common Core State Standards:** G.CO.C.10

**Learning Target:** Prove and use theorems about isosceles and equilateral triangles.

**Success Criteria**

- Prove and use theorems about isosceles triangles.
- Prove and use theorems about equilateral triangles.

**Vocabulary:** legs of an isosceles triangle, vertex angle, base, base angles

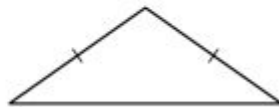
### EXAMPLE Classifying Triangles by Sides and by Angles

Classify each triangle by its sides and by measuring its angles.

a.

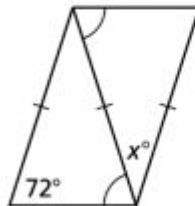


b.



In Exercises 1 and 2, find the value of  $x$ .

1.



# Week's Objectives

## Section 5.2: Congruent Polygons

**Common Core State Standards:** G.CO.B.7

**Learning Target:** Understand congruence in terms of rigid motions.

**Success Criteria**

- Use rigid motions to show that two triangles are congruent.
- Identify corresponding parts of congruent polygons.
- Use congruent polygons to solve problems.

**Vocabulary:** corresponding parts

In Exercises 3 and 4, find the values of  $x$  and  $y$ .

3.  $\triangle XYZ \cong \triangle RST$

