

# Week Nov 4-8

# CP Geometry

# Lesson Overviews

**Monday-** Inclass TEST day for Chapter 3 & Collect Takehome Practice TESTs

**Tuesday-** Chapter 5 Triangle Basics - terms notes and formulas for sum of interior and exterior angles in section 1 & 4

Soft practice book pg. 71 complete as teacher led

Work online Dynamic Classroom 5.1 Practice # 1-5,9-14, copy diagram onto notepaper # 27-34

**Wednesday** - Kuta Day (no computer initially but use after class to check work)

Handout: In groups complete pages 3-10 on Classify triangles, Angles in Triangles, Exterior Angle theorem

**Thursday** - Chapter 5 Special Triangles - isosceles and equilateral section 4 notes ---use handout

Soft practice book pg. 77 complete as teacher led

Work online Dynamic Classroom 5.4 Practice # 1-8, 11-18, 21, 23

**Friday** - Makeup day into time for Veteran's Day assembly

# 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

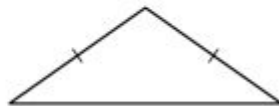
### EXAMPLE Classifying Triangles by Sides and by Angles

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

a.



b.



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

1.

