Week Overview Oct 21-25 Chapter 3 finish/Ch. 5 start

Monday

- Kuta Worksheet - interpreting diagrams as warmup
- ABC 123 A1B2 Timed Activity
- Dynamic Classroom - Section 3.2 Practice # 1-16 --- do with them on paper # 8,10,12 (moved from last week)

Tuesday -

- Test Review using online 3.1 section Practice # 1-17, online 3.4 section practice # 11-14
- Practice soft book pg. 37,39,41,43 reviewed and finish for homework

Wednesday -

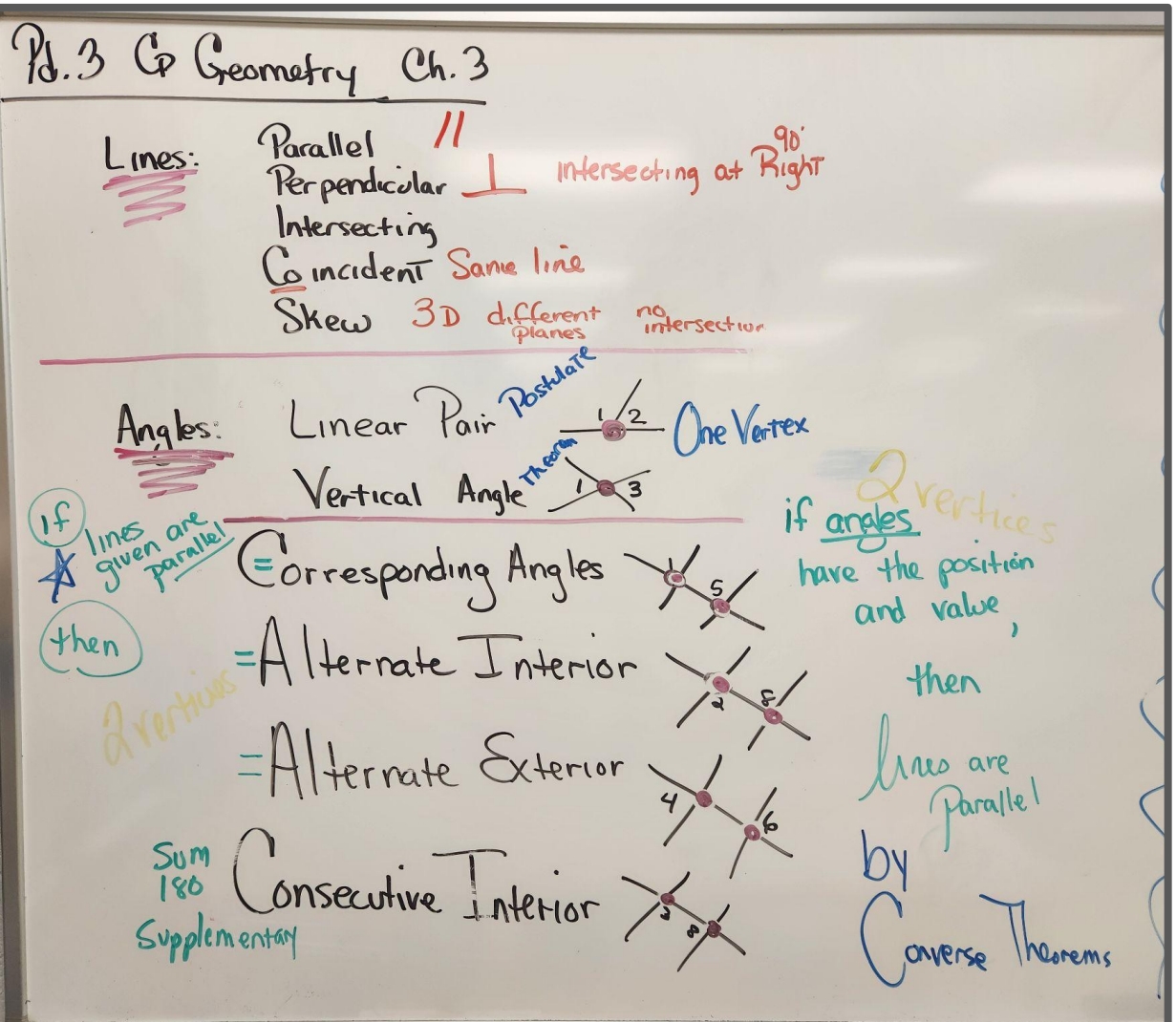
- TEST on Chapter 3: types of lines and angles formed from transversal line, especially if parallel lines

Thursday

- Chapter 5 Introduction via an Edpuzzle on google classroom links on triangles and their angle measures with terms such as equilateral equiangular.

Friday

- Kuta software - Triangle worksheet with students copying from youtube videos linked in google classroom



Notes summary

Copy for test use

Color coordinate for points.

Ch 3 TEST's Objectives

Section 3.1: Pairs of Lines and Angles

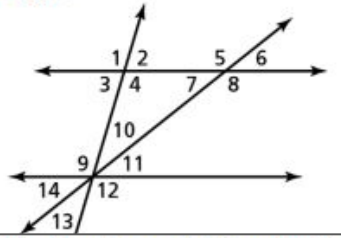
Common Core State Standards: G.CO.A.1
Learning Target: Understand lines, planes, and pairs of angles.
Success Criteria

- Identify lines and planes.
- Identify parallel and perpendicular lines.
- Identify pairs of angles formed by transversals.

Vocabulary: parallel lines, skew lines, parallel planes, transversal, corresponding angles, alternate interior angles, alternate exterior angles, consecutive interior angles

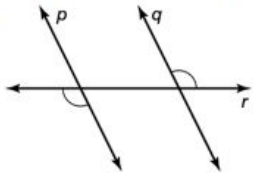
In Exercises 7–11, classify the angle pair as corresponding, *alternate interior*, *alternate exterior*, or *consecutive interior* angles.

7. $\angle 4$ and $\angle 9$
8. $\angle 1$ and $\angle 9$
9. $\angle 1$ and $\angle 12$
10. $\angle 6$ and $\angle 11$



In Exercises 3 and 4, decide whether there is enough information to prove that $p \parallel q$. If so, state the theorem you can use.

3.



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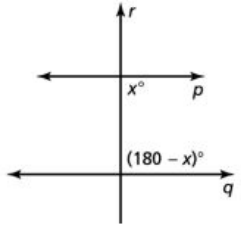

Section 3.2: Parallel Lines and Transversals

Common Core State Standards: G.CO.C.9
Learning Target: Prove and use theorems about parallel lines.
Success Criteria

- Use properties of parallel lines to find angle measures.

Section 3.3: Proofs with Parallel Lines

Common Core State Standards: G.CO.C.9, G.CO.D.12
Learning Target: Prove and use theorems about identifying parallel lines.
Success Criteria

- Use theorems to identify parallel lines.
- Construct parallel lines.

Chapter 5 Section 1 & 4 Objectives for Thurs./Friday Work

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

Find the values of x and y in the diagram.