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

Monday

- ABC 123 A1B2 Timed Activity
- Review Soft Practice Book Ch 2 TakeHome test items --- discuss proving items using #2 off a Kuta Worksheet
- NOTES - section 3.1 on lots of terms using pg 37 in soft practice book for examples

Tuesday -

- Warmup: Online 3.1 section Dynamic Classroom Practice # 1-17
- Notes on section 3.2 --if parallel lines THEN angles are congruent OR supplementary
- Use soft workbook pg 39 for examples

Wednesday -

- Warmup: Online Section 3.2 Dynamic Classroom Practice # 1-16 --- do with them on paper # 8,10,12
- Notes on Section 3.3 -- If angles are congruent or supplementary THEN lines are parallel --- CONVERSE theorems for proving use

Thursday

- Kuta software - Lines and angles worksheet with students copying from youtube videos linked in google classroom

Friday

- Edpuzzle linked off google classroom to complete and copy on constructing proofs with chapter 3 theorems.

FYI - TEST planned for next Wednesday --- discuss closer to time

Week's Objectives

Section 3.1: Pairs of Lines and Angles

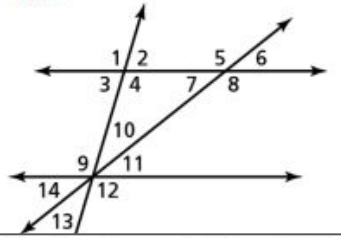
Common Core State Standards: G.CO.A.1
Learning Target: Understand lines, planes, and pairs of angles.
Success Criteria

- 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

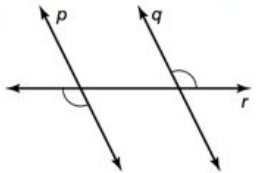
In Exercises 7–11, classify the angle pair as corresponding, *alternate interior*, *alternate exterior*, or *consecutive interior* angles.

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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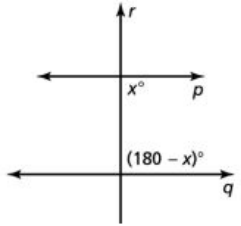


Section 3.2: Parallel Lines and Transversals

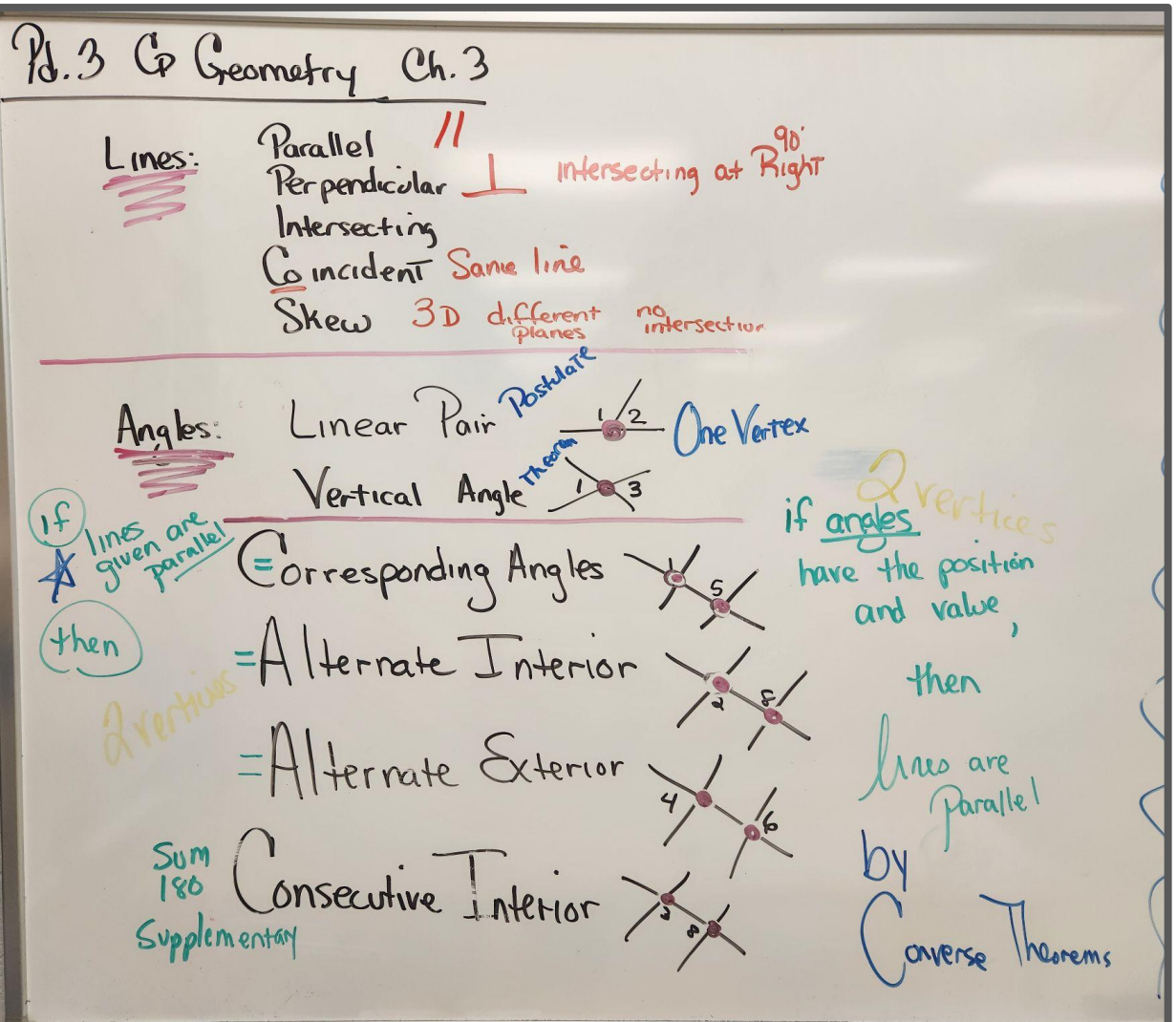
Common Core State Standards: G.CO.C.9
Learning Target: Prove and use theorems about parallel lines.
Success Criteria

- 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.



Notes summary

Copy for study use

Color coordinate for points.