Geometry Chapter 3

Period 1 & 4 Oct. 14--Oct 18, 2024

Week Overview

Monday - no classes as teacher inservice

Tuesday -

- Use Practice Workbook (PW) as review pg. 37 # 1-8 for terms with parallel, skew, perpendicular lines.
- Give notes on terms of angle relationships using # 9-12, then 13
- Assign online 3.1 section Practice # 1-18

Wednesday -

- Warmup PW pg 33 # 1,3,5; pg 38 #4 Review the last test
- Review homework
- Give notes on Section 3.2 Using handout RETEACHING

Thursday

- Assign online Section 3.2 Practice # 1-16 --- do with them on paper # 8,10,12

Friday

- Give Notes on Section 3.3 using ReTEACHING handout and worksheets from older book to complete

Week's Objectives

Section 3.1: Pairs of Lines and Angles

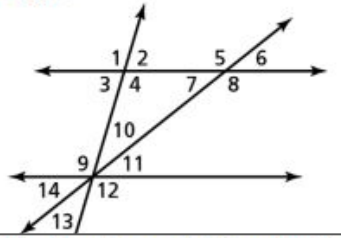
Common Core State Standards: G.CO.A.1
Learning Target: Understand lines, planes, and pairs of angles.
Success Criteria

- 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

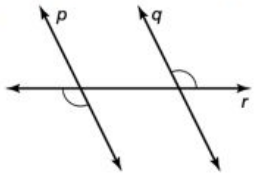
In Exercises 7–11, classify the angle pair as corresponding, *alternate interior*, *alternate exterior*, or *consecutive interior* angles.

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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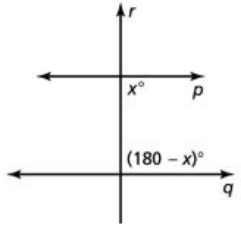

Section 3.2: Parallel Lines and Transversals

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.