CP Geometry

Week of
Nov 13-17, 2023
CP Class Period 3

Week Nov 13 Overview

Monday - No school as parent teacher conferences

Tuesday - Discuss the **CONVERSE** theorem in 3.3 to prove lines are parallel. Use student journal pages for extra practice examples **pgs**. 80, 85. There are theorems and definitions in journal to know.

Wednesday - Substitute teacher so students work on the online assignments together if needed with 2 checks. Assignment 3.1 & 3.2

Thursday - Review but notes on perpendicular lines and the need for link to 2 vertices for lines to be parallel. Continue work online (now 3.3 added & 3.4)

Friday - Continue work online (now 3.3 added & 3.4)

Test on this will be TUESDAY Nov. 21 prior to break.

Tuesday: Lesson 3.3 Objectives

Geometry Lesson 3.3 – Day 2: Proofs with Parallel Lines
Essential Question: For which of the theorems involving parallel lines and transversals is the converse true?

		CC State Standards	CC Mathematical Practice Focus
Lesson Objective(s):	Students will use the Corresponding Angles Converse. Students will construct parallel lines. Students will prove theorems about parallel lines. Students will use the Transitive Property of Parallel Lines.	HSG-CO.C.9	MP3
Previous Learning:	Students have a previous understanding of converses and determining truth values. In the previous lesson, students learned the theorems involving parallel lines and transversals.	HSG-CO.D.12	

Last week's objectives from Chapter 3 sections 1 & 2

Objective(s): Students will identify lines and planes.
Students will identify parallel and perpendicular lines.
Students will identify pairs of angles formed by transversals.

Objective(s): Students will use properties of parallel lines.
Students will prove theorems about parallel lines.
Students will solve real-life problems.

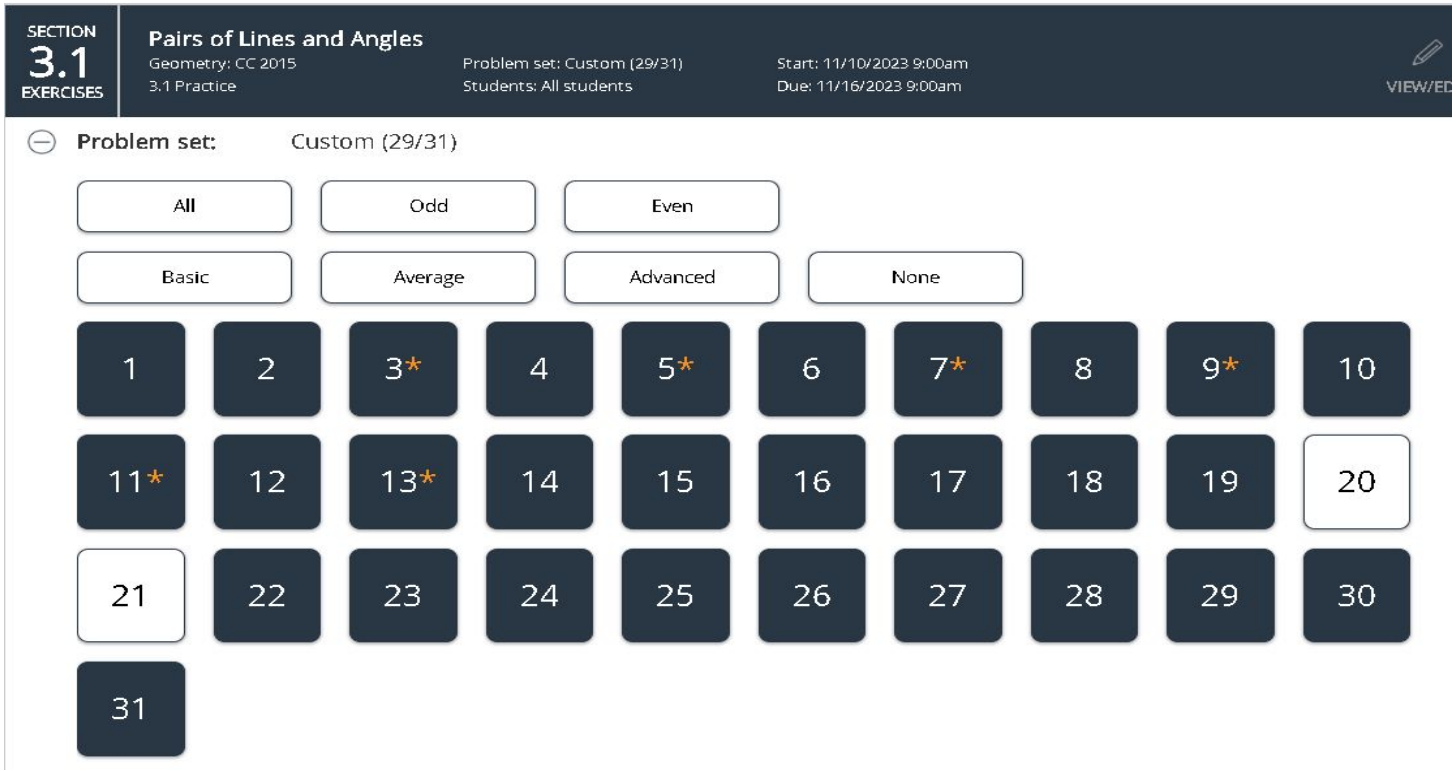
Tuesday:
Complete proof to get to angle values
Complete a proof to get to parallel lines

1. Demonstrate the making of the proof **by doing 3.2 Practice A # 8** do together
2. Show the page in textbook that lists the postulates and theorems for studying purposes.

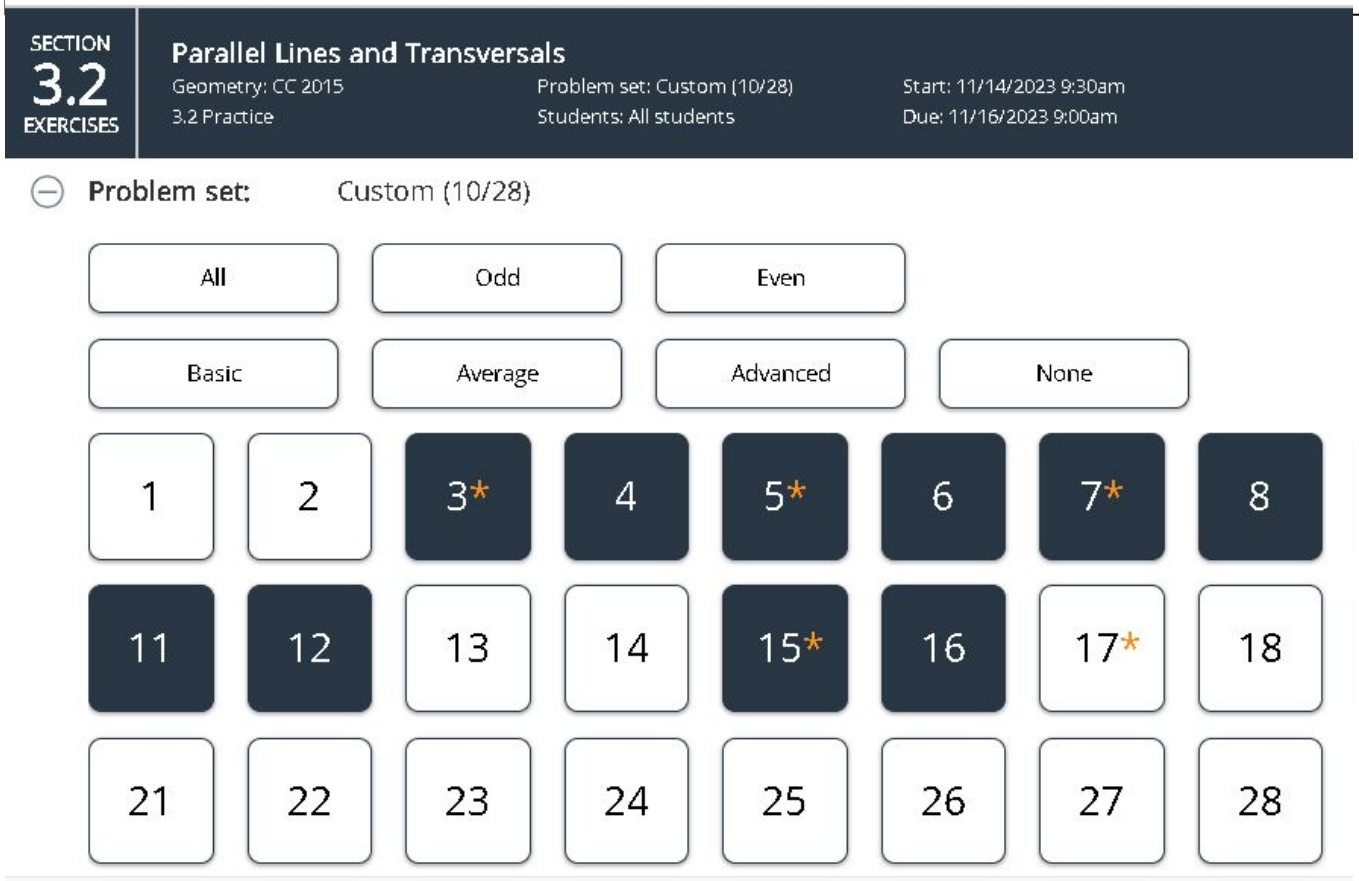
   https://bigideaslearning.magicsw.com/ebookreader/launchbook.htm?id=1432&userType=RUNPTV9VU0VS&_=1699958901872

3. Do student journal pg 80 problems.
4. Use 3.3 Puzzletime for practice problems also

Wednesday Nov 15



Wednesday Nov 15

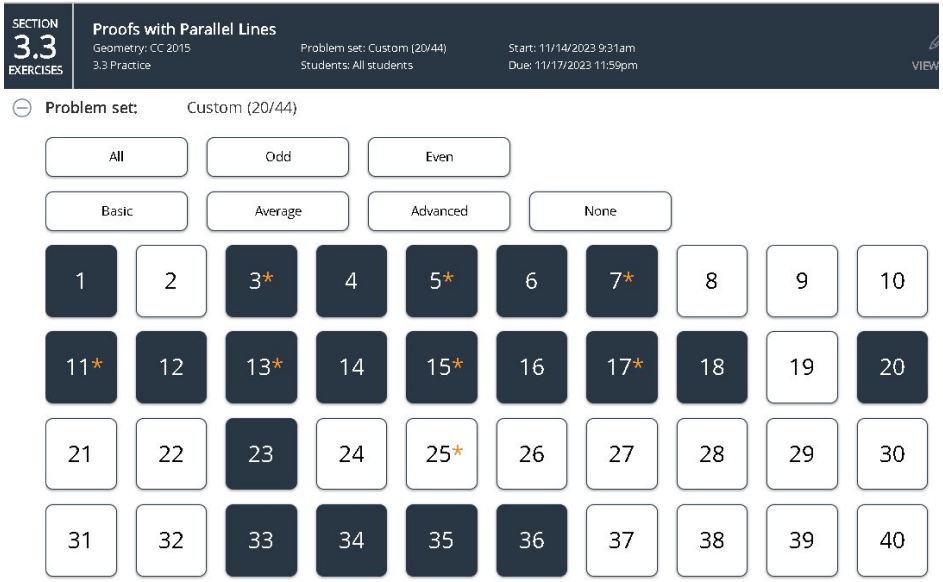


Thursday Nov 16

Review work from yesterday

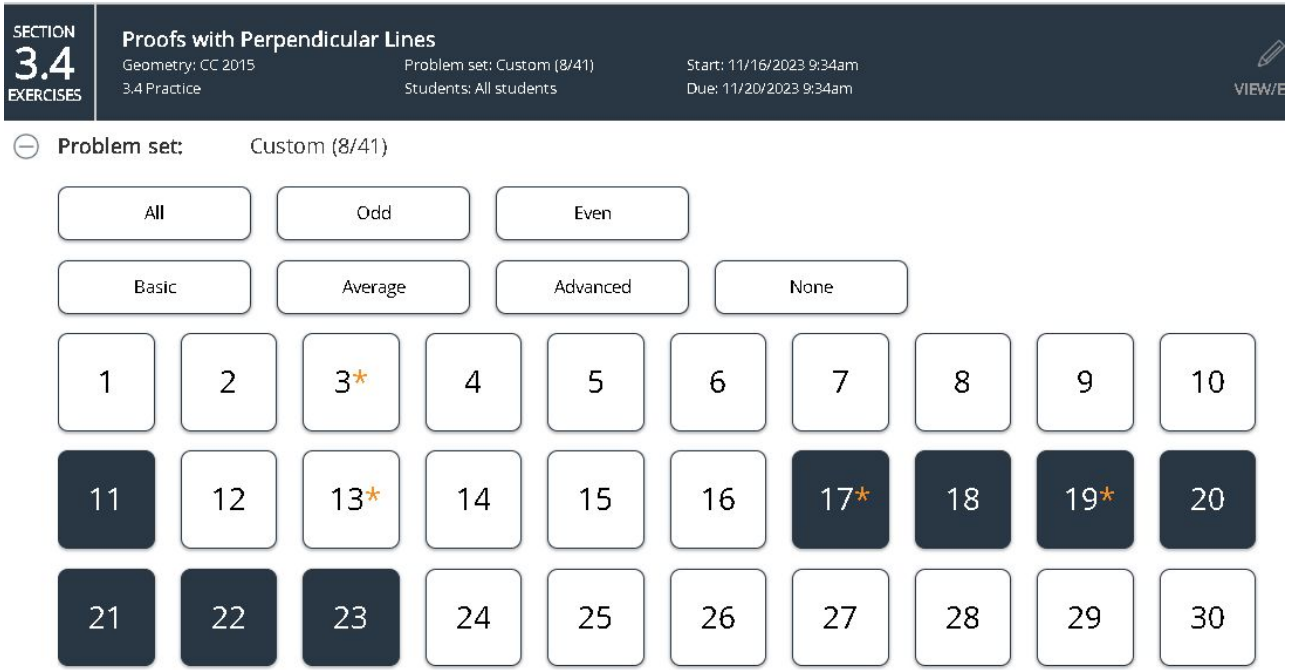
Discuss more on 3.3 and link up 3.4 on perpendicular lines are the only condition where all angles are 90 degrees off parallel lines.

Start 3.3 online work



Friday -Nov. 17

Continue online work and section 3.4



Added Resources: ---

https://www.bigideasmath.com/external/apps/

Remember these have extra videos that can help to watch if not in class or to review.