

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?

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.

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.

CC State Standards

HSG-CO.C.9
HSG-CO.D.12

CC Mathematical Practice Focus

MP3

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

SECTION
3.1
EXERCISES

Pairs of Lines and Angles

Geometry: CC 2015
3.1 Practice

Problem set: Custom (29/31)
Students: All students

Start: 11/10/2023 9:00am
Due: 11/16/2023 9:00am

 VIEW/EDIT

⊖ Problem set: Custom (29/31)

All

Odd

Even

Basic

Average

Advanced

None

1

2

3*

4

5*

6

7*

8

9*

10

11*

12

13*

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Wednesday Nov 15

SECTION
3.2
EXERCISES

Parallel Lines and Transversals

Geometry: CC 2015
3.2 Practice

Problem set: Custom (10/28)
Students: All students

Start: 11/14/2023 9:30am
Due: 11/16/2023 9:00am

⊖ Problem set: Custom (10/28)

All

Odd

Even

Basic

Average

Advanced

None

1

2

3*

4

5*

6

7*

8

11

12

13

14

15*

16

17*

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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

SECTION 3.3 EXERCISES Proofs with Parallel Lines
Geometry: CC 2015 3.3 Practice Problem set: Custom (20/44) Start: 11/14/2023 9:31am Students: All students Due: 11/17/2023 11:59pm [VIEW](#)

⊖ Problem set: Custom (20/44)

All Odd Even

Basic Average Advanced None

1	2	3*	4	5*	6	7*	8	9	10
11*	12	13*	14	15*	16	17*	18	19	20
21	22	23	24	25*	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

Friday -Nov. 17

Continue online work and section 3.4

SECTION 3.4 EXERCISES **Proofs with Perpendicular Lines**
Geometry: CC 2015 Problem set: Custom (8/41) Start: 11/16/2023 9:34am
3.4 Practice Students: All students Due: 11/20/2023 9:34am

[VIEW/E](#)

⊖ Problem set: Custom (8/41)

All	Odd	Even							
Basic	Average	Advanced	None						
1	2	3*	4	5	6	7	8	9	10
11	12	13*	14	15	16	17*	18	19*	20
21	22	23	24	25	26	27	28	29	30

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.