

Geometry

Week of
October 23-28, 2023

General Class Periods 4&5

Monday Objective to Practice:

Geometry Lesson 3.1: Pairs of Lines and Angles

Essential Question: What does it mean when two lines are parallel, intersecting, coincident, or skew?

Lesson Objective(s): Students will identify lines and planes.

Students will identify parallel and perpendicular lines.

Students will identify pairs of angles formed by transversals.

Previous Learning: In grade 8, students were introduced to the angles formed when a transversal intersects two other lines.

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

Previous Vocabulary: perpendicular lines

CC State Standards

HSG-CO.A.1

Tuesday Objective

Geometry Lesson 3.2 – Day 1: Parallel Lines and Transversals

Essential Question: When two parallel lines are cut by a transversal, which of the resulting pairs of angles are congruent?

Lesson Objective(s): Students will use properties of parallel lines.

Students will prove theorems about parallel lines.

Students will solve real-life problems.

Previous Learning: Students learned about the angles formed by a transversal in the previous lesson.

Previous Vocabulary: corresponding angles, parallel lines, supplementary angles, vertical angles

CC State Standards

HSG-CO.C.9

CC Mathematical Practice Focus

MP3, MP6

Week Starts:

Chapter 3 Angles with lines

Monday:

Practice with handout complete

- 3.1 Practice A # 1-8 only need to give ONE set, not ALL
- 3.1 Practice B # 1-11 by directions given - read them
- 3.1 PUZZLETIME - complete all #1-10 but fill in blank with word from the bank given

Tuesday:

Warmup: Watch Example video

Notes using Student Journal pg.74,75

More examples given from videos in dynamic classroom

Wednesday:

Complete Section Handout 3.2 Practice A, B, and Puzzletime

Thursday:

Review with online textbook assignment 3.1, 3.2, 3.3 problems

Friday:

Test on Angles with 3 lines, especially if parallel lines