

10/3 Do Now

DO NOW

Name_____

Date_____ Per_____

(1) Copy the diagram.

(2) Identify the angle relationship, write an equation and find the measure of both angles.

SLO: Construct copies of angles & justify the construction.

G.G.19 Construct lines parallel (or perpendicular) to a given line through a given point, using a straightedge and compass, and justify the construction.

10/3 Announcements

1. You need a compass EVERY day in this class incase we do constructions. You MUST have a compass to complete the homework. You MUST have a compass by Wednesday.
2. Group test Friday

SLO: Construct copies of angles & justify the construction.

G.G.19 Construct lines parallel (or perpendicular) to a given line through a given point, using a straightedge and compass, and justify the construction.

10/3 Assignment sheet

Class _____ Period _____

DATE	CLASSWORK ASSIGNMENT	HOMEWORK ASSIGNMENT
10/1	Unit 1 Reflection due 10/2	Unit 1 Reflection due 10/2
10/2	Proving Lines Parallel due 10/2	Proving Lines Parallel due 10/3
10/3	Constructing Parallel Lines due 10/3	Constructing Parallel Lines due 10/4
10/4	Parallel Lines on a Coordinate grid due 10/4	Parallel Lines on a Coordinate grid due 10/5
10/5	Group Test Parallel Lines due 10/5	Parallel Lines Review due 10/8

SLO: Construct copies of angles & justify the construction.

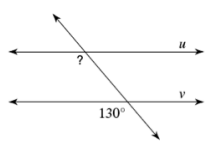
G.G.19 Construct lines parallel (or perpendicular) to a given line through a given point, using a straightedge and compass, and justify the construction.

10/3 HW Check and Questions

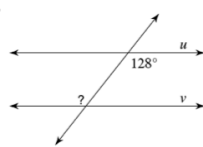
(A) NAME THE ANGLE RELATIONSHIP AND

(B) Find the measure of the indicated angle that makes lines u and v parallel.

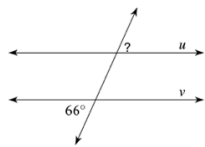
1)



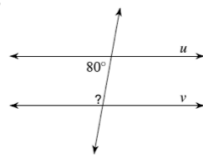
2)



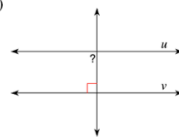
3)



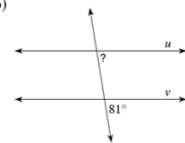
4)



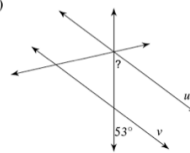
5)



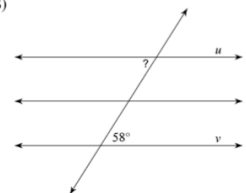
6)



7)



8)



SLO: Construct copies of angles & justify the construction.

G.G.19 Construct lines parallel (or perpendicular) to a given line through a given point, using a straightedge and compass, and justify the construction.

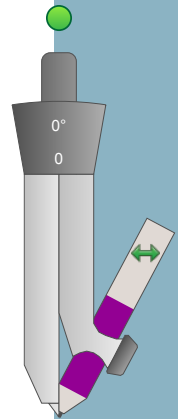
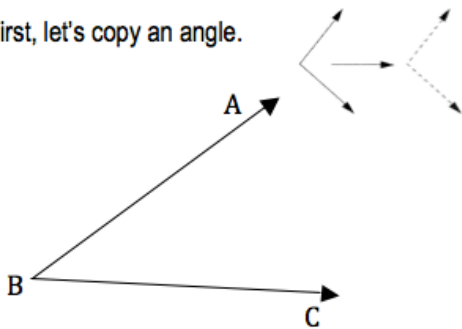
10/3 Constructing Parallel Lines

CLASSWORK: Constructing Parallel Lines with a Compass & Straightedge

We know that if we have congruent _____, _____ or _____ angles, then we will have parallel lines.

If we can construct copies of angles, can we use angle relationships to construct parallel lines? How?

First, let's copy an angle.

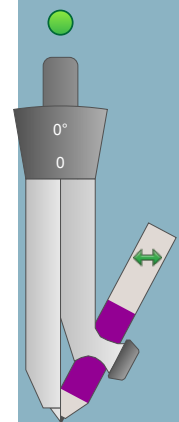
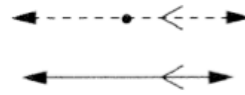


SLO: Construct copies of angles & justify the construction.

G.G.19 Construct lines parallel (or perpendicular) to a given line through a given point, using a straightedge and compass, and justify the construction.

10/3 Constructing Parallel Lines

What do we need to have an angle? Where do we need to copy an angle to make parallel lines?



SLO: Construct copies of angles & justify the construction.

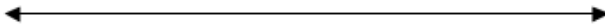
G.G.19 Construct lines parallel (or perpendicular) to a given line through a given point, using a straightedge and compass, and justify the construction.

10/3 Constructing Parallel Lines

Geometry: Parallel and Perpendicular Lines

CLASSWORK: Constructing Parallel Lines with a Compass & Straightedge

Construct a line parallel to each line below:



SL
G.G
stra

10/3 Constructing Parallel Lines

HOMEWORK: Constructing Parallel Lines with a compass and straightedge

1) Construct a line parallel to each line below:



SLO:
G.G.19
straight

2) Describe WHAT we are doing to construct a parallel line and WHY it works.

10/2 Geometry PRIDE

Names & accomplishments

CCSS Standard:

10/3 Ticket Out the Door

Ticket out the door Name _____ Date _____ Per _____

⊗ 1 2 3 4 5 ☺ because:

Rate how well you met today's SLO (Student Learning Objective). Describe how to construct a parallel line and justify that it works.

9/17 Quiz

Face desks forward and clear desk except for

Communication of any sort = ZERO

RAISE YOUR HAND silently if you need something

CCSS Standard:

9/17 Test

Face desks forward and clear desk except for

Communication of any sort = ZERO

RAISE YOUR HAND silently if you need something

CCSS Standard:

