

Geometry CC - Unit 2
Lesson 1: Constructions - Copy a Segment
M1 LO

Homework: TBA

Discuss vocabulary related to constructions and learn how to copy a line segment.



radius

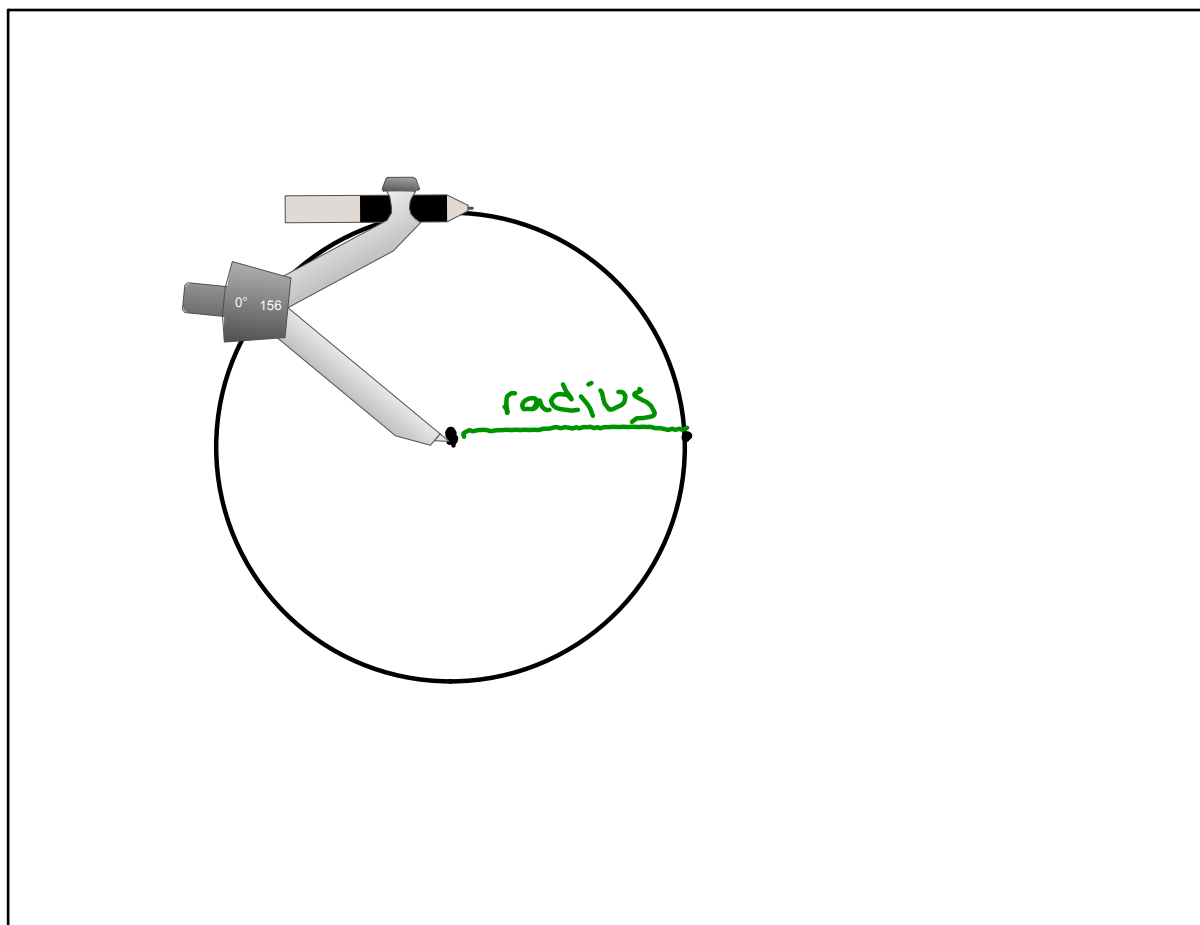
Compass

Straight edge

point of the compass

arm of a compass (pencil side)

Sep 17-8:24 AM



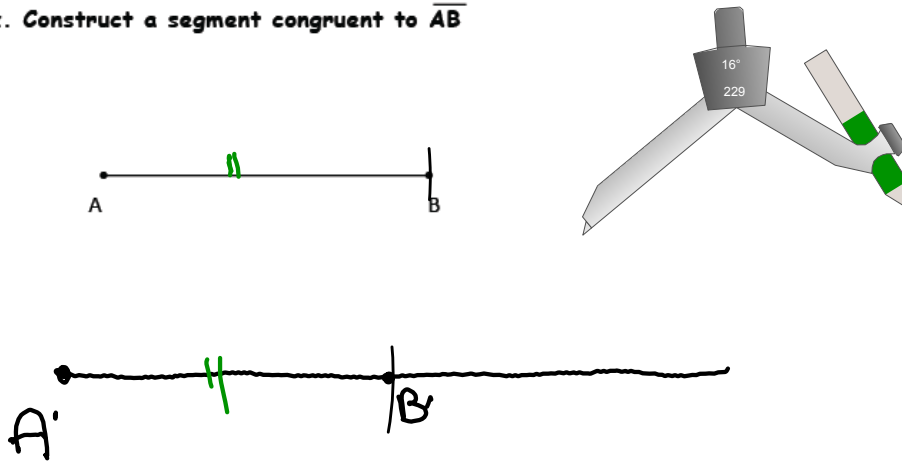
Sep 16-9:00 AM

Constructing Congruent Line Segments (Copying a segment)

Steps:

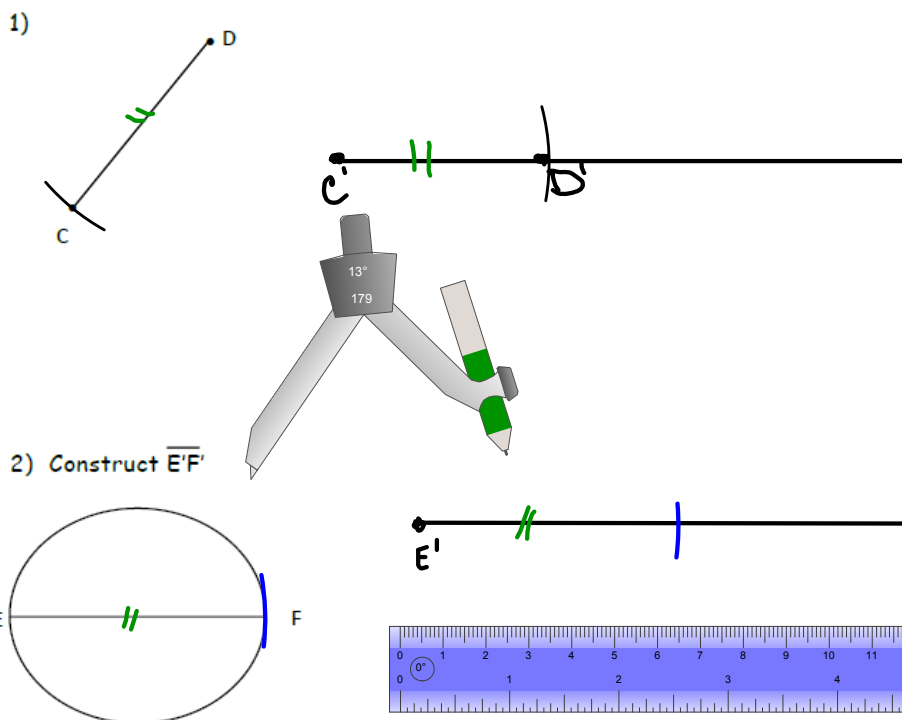
- Draw a line with a ruler that is longer than the line segment you are going to copy.
- Measure the distance of the given line segment by placing one end of the compass on one point and the slider on the other point. Mark it with an arc.
- Without changing the span of your compass, place the compass on one end of the segment you drew and swing an arc. Draw and label the intersection of the arc and segment.

Ex. Construct a segment congruent to \overline{AB}



Sep 17-8:25 AM

Practice: Construct the following congruent line segments.



Sep 17-8:26 AM

3) Construct a line segment equal to the sum of these two segments.

Sep 17-8:26 AM