

Construction

Congruent Line Segment (equal)

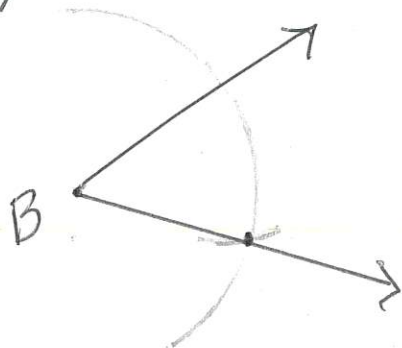
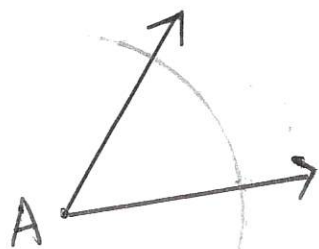


Steps

13rd

- ① use the compass to measure the length.
- ② mark the endpoints with compass.
- ③ use straight edge to draw a line.

Congruent Angles



- ① Draw a ray with the straight edge. Label the endpoint B.
- ② Take compass and place pointer on A. Make an arc intersecting both lines.
- ③ Repeat ② for B.
- ④ Measure the width of $\angle A$ with compass.
- ⑤ Use compass to mark the width of $\angle B$ on its arc.
- ⑥ use straight edge to draw the ray from B to the mark.