

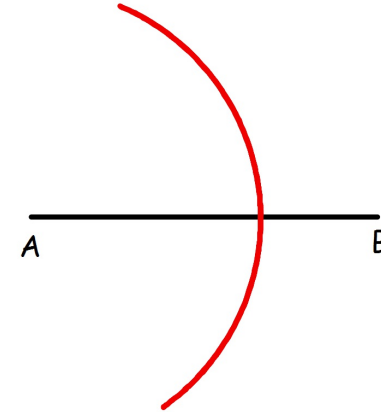
Construction #2: Construct a perpendicular bisector.

Step 1: Draw a segment. Label the segment AB.



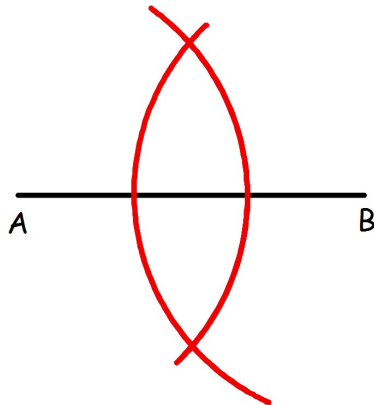
Construction #2: Construct a perpendicular bisector.

Step 2: With the compass point on A, measure a distance MORE than halfway to B. Draw an arc. DO NOT CHANGE THE COMPASS.



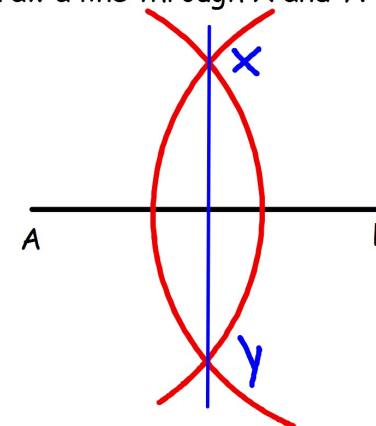
Construction #2: Construct a perpendicular bisector.

Step 3: Without changing the compass, put the point on B and draw an arc. You should have two intersecting arcs.



Construction #2: Construct a perpendicular bisector.

Step 4: Label the interceptions of the arcs X and Y. Draw a line through X and Y.



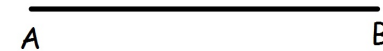
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