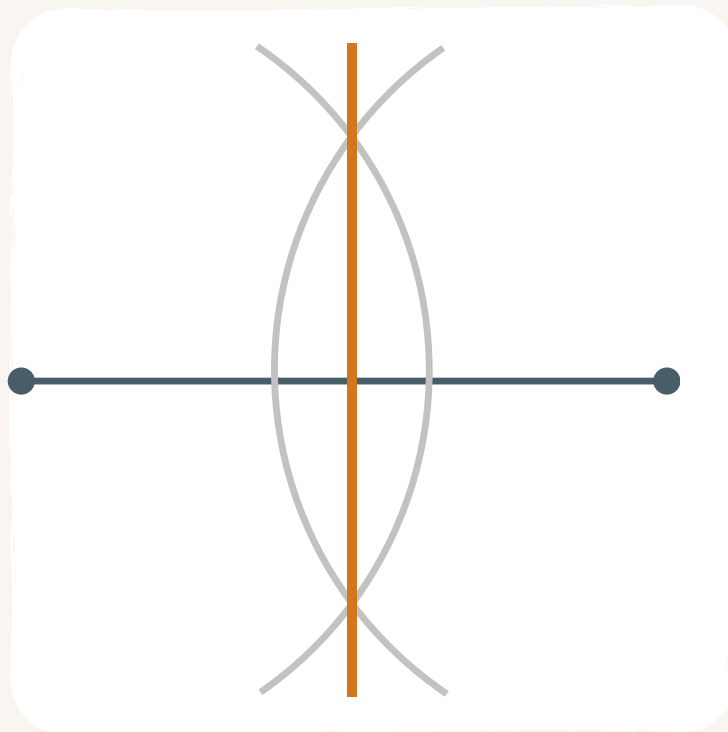# Construction
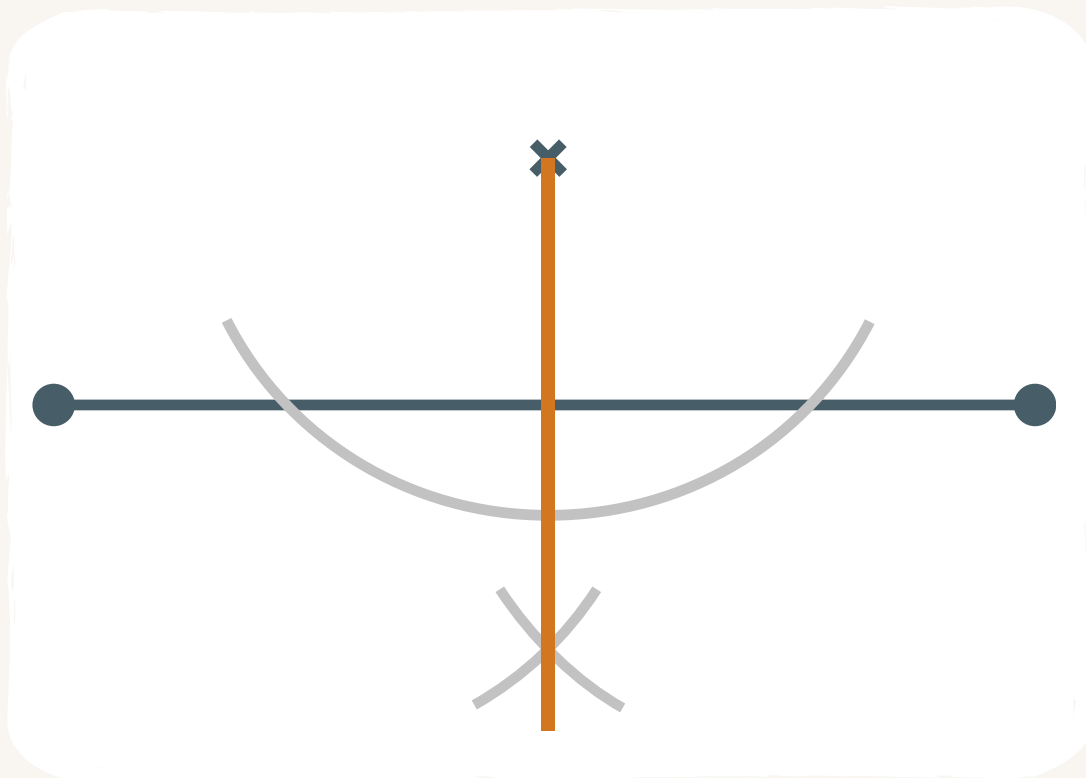
1 PERPENDICULAR BISECTOR

Using a compass, draw two overlapping arcs. Use a ruler to draw a straight line between the two intersecting points.
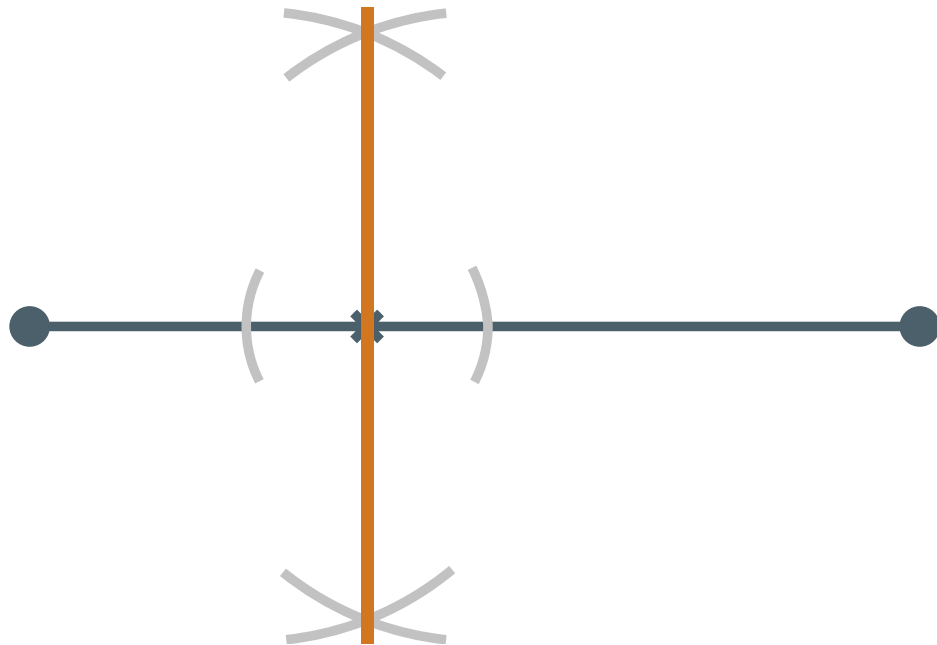
2 PERPENDICULAR LINE THROUGH A POINT

Use a compass to draw an arc from the point, intersecting the line. Then draw two more arcs from the intersections and connect them to the point.
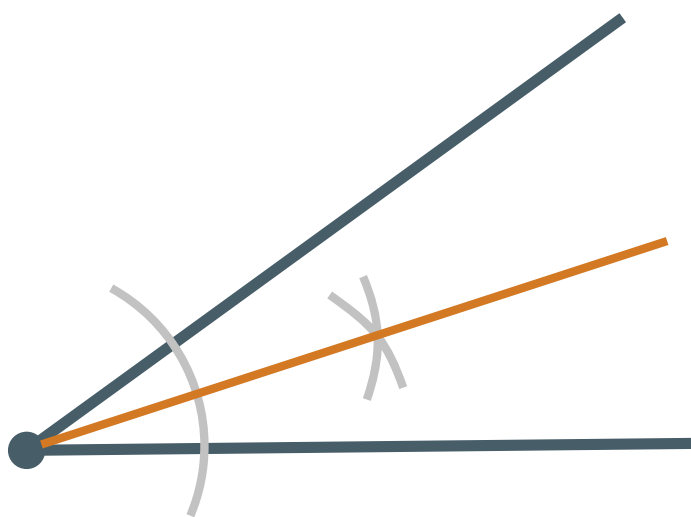
3 THROUGH A POINT ON THE LINE

Draw two arcs from the point, then draw two more arcs from each intersection. Connect the intersecting points with the point on the line.

ANGLE BISECTOR

Place the compass point on vertex and draw a small arc. Then draw two more arcs from intersection points and connect them with the vertex.