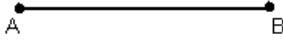


Paper Folding Constructions I

Paper Folding

1. Construct the perpendicular bisector of the segment.



Steps

- Start by drawing the segment on patty paper.
 - Next, fold the paper so that the endpoints of the line segment overlap. This creates a crease in the paper.
 - The intersection of the crease and the original line segment is the midpoint of the line segment.
 - Draw a line segment along the crease, intersecting the original line segment. This new line segment is perpendicular to the original one and bisects it.
2. Find the circumcenter of the following triangle and draw the circumscribed circle. (Hint: Use the steps above to find the perpendicular bisector of each side.)

