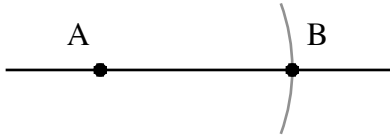


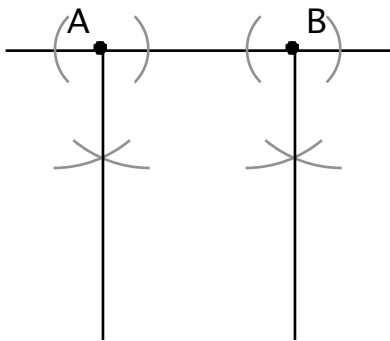
Tangrams

Name _____

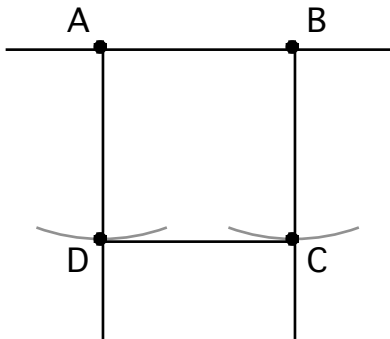
1. Create line segment AB which is the length of the line segment above.



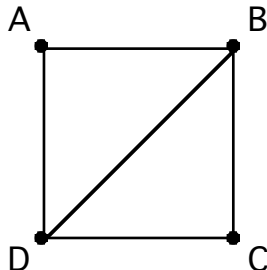
2. Construct lines through points A and B which are perpendicular to line segment AB.



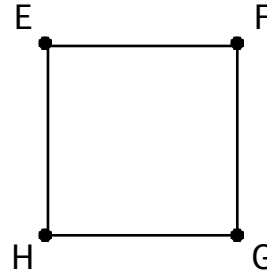
3. Measure segments AD and BC so that $AD = BC$. Construct segment DC.



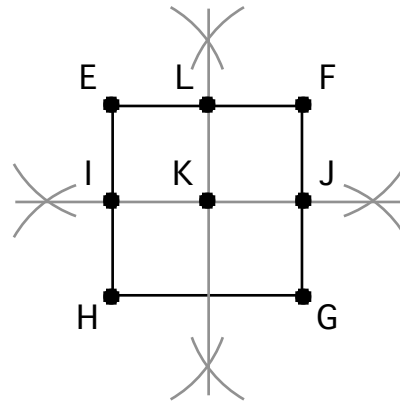
4. Construct the segment BD.



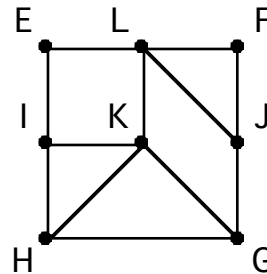
5. Repeat steps 1 to 3 elsewhere on your paper to create square EFGH



6. Determine the midpoints of segments EF, EH, and FG.



7. Construct segments LJ, LK, IK, HK, and GK.



8. Cut out triangles ABD, CBD, IHK, HKG, and LFJ. Cut out square ELKI and parallelogram LJGK.

You have just constructed a set of tangrams!

by Patrick Quigley