These images show how to create curves from straight lines


Subdivide each line forming the sides of the $V$ into the same number of equal length subdivisions (10 on left and 31 on right). Connect subdivision vertices so that the sum of connected vertices is constant (10 to left and 31 on right). Note that the left image has a horizontal line (from 5 to 5) but the right image has no such horizontal line. The two closest to horizontal connect 15 to 16 and 16 to 15 .

As the two images below show, the overall length of each side need not be the same, curves still result.


