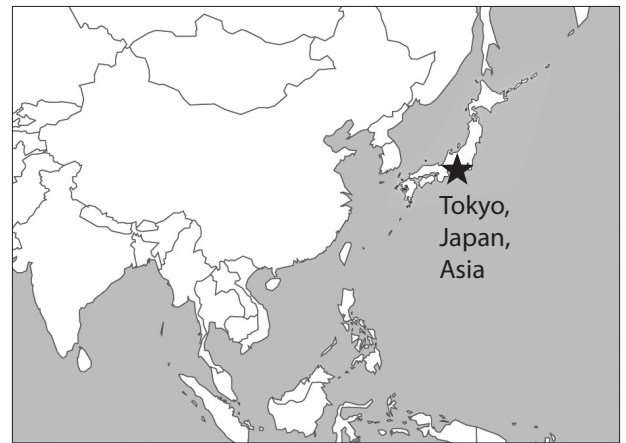


The veins in a dragonfly's wing define a complex and beautiful tessellation.



*Activities and questions:*

The veins in a dragonfly's wing define polygonal regions. A portion of the wing of the dragonfly in the photograph was carefully drawn to create the tessellation above. Each tile in this tessellation has between 4 and 7 sides. Count the number of each type of polygon and create a histogram using the axes at right to compare the predominance of the different tiles.

Japan is known for its gardens, and this dragonfly was photographed in a garden in Tokyo. What is the name of the Japanese art of growing miniature trees in containers?

