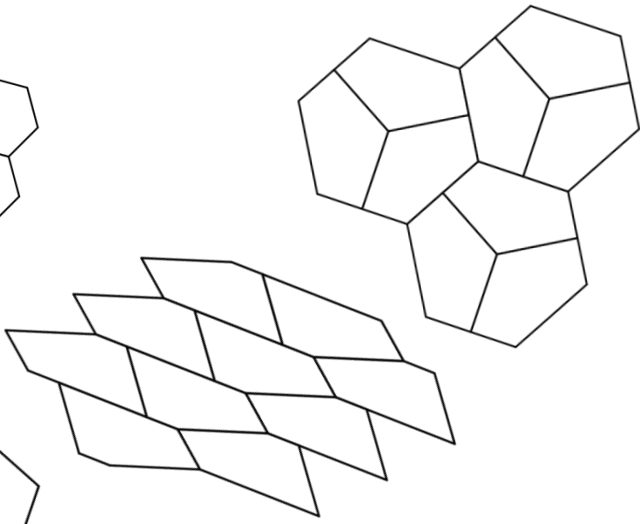
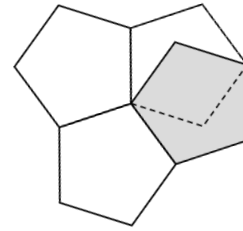
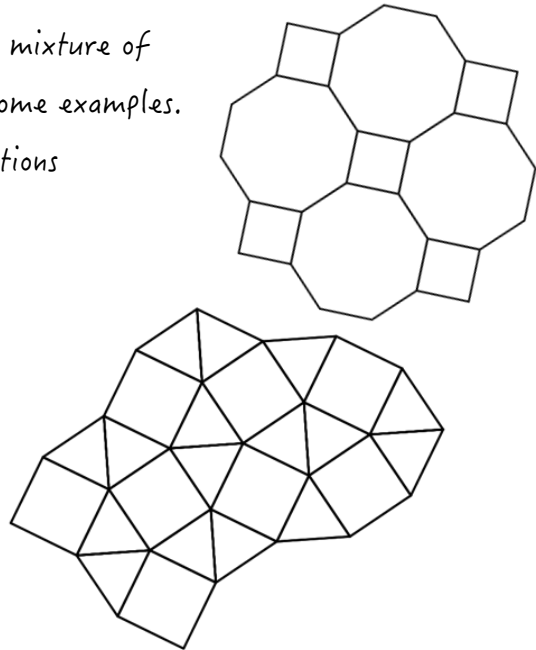
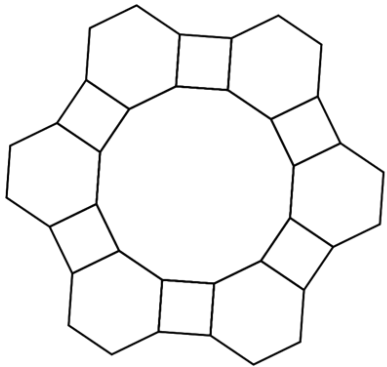


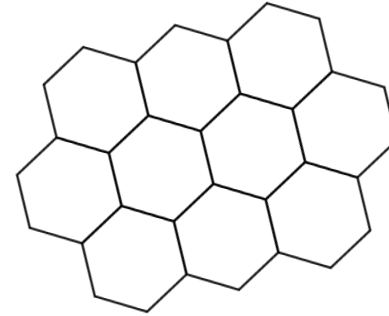
Some irregular pentagons will tile the plane. Here are some examples.



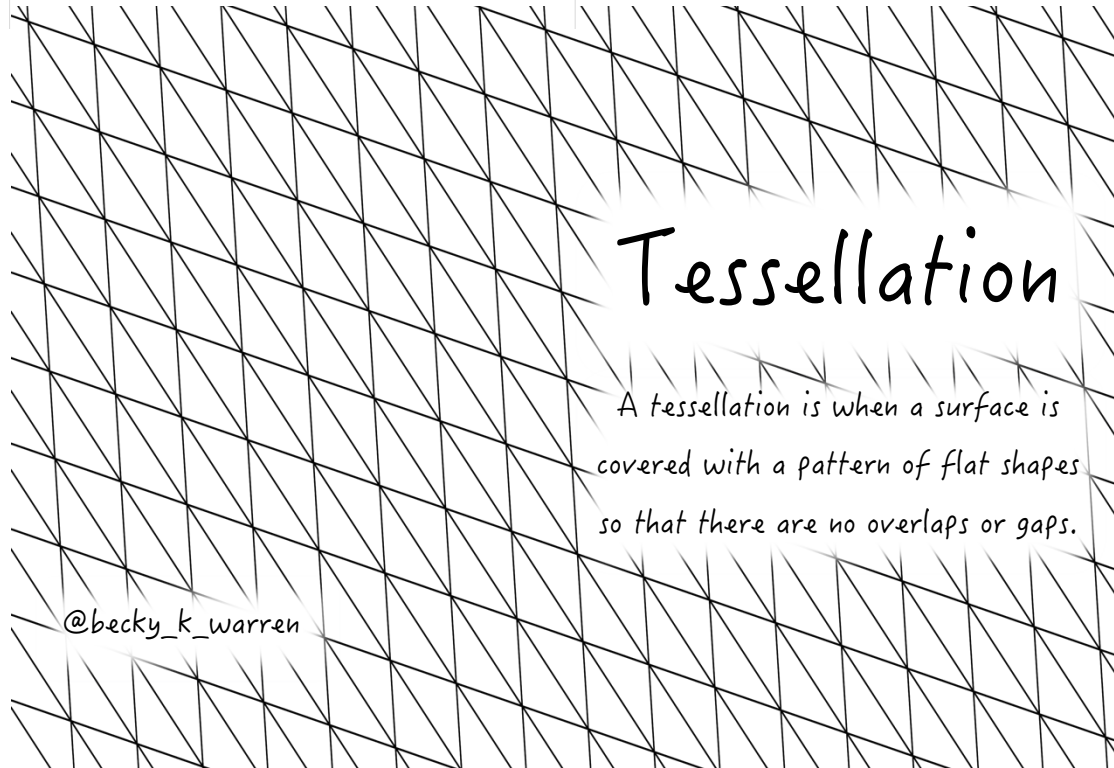
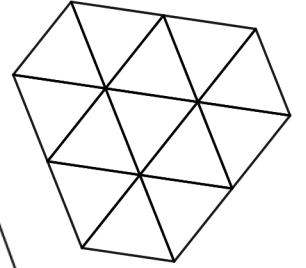
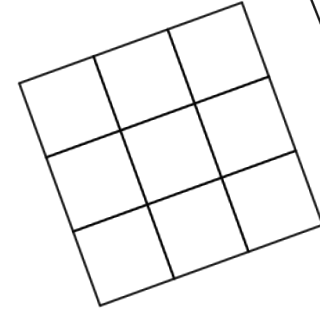
It is possible to tile the plane with a mixture of different regular shapes. Here are some examples. They are called semi regular tessellations



Regular pentagons can't tile the plane as they overlap if more than 3 meet at a point.



Some regular shapes tessellate. Here you can see how equilateral triangles, squares and regular hexagons tile the plane.



Tessellation

A tessellation is when a surface is covered with a pattern of flat shapes so that there are no overlaps or gaps.

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