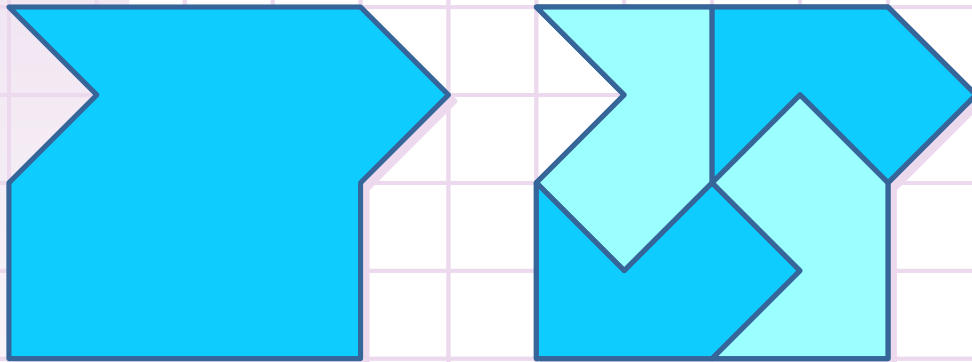


Treasure of Classic
and Modern Puzzles

Dissection Puzzles



The Five Congruent Polygons

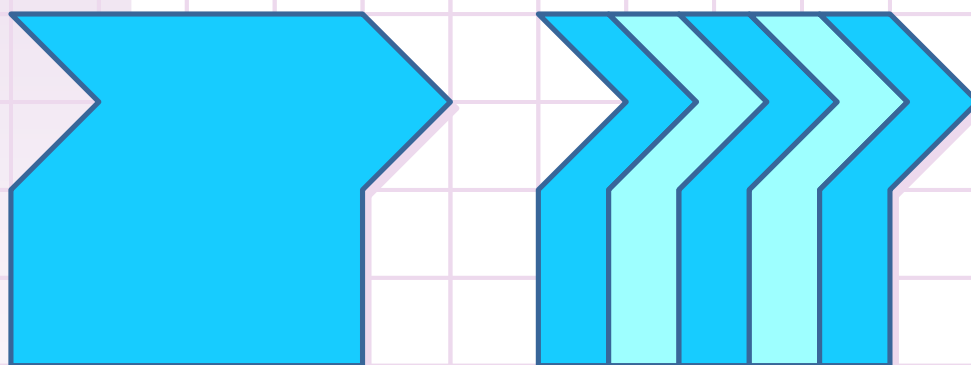
by L. Vosburg Lyons

The polygon shown in the illustration above (the shape at the left) can be dissected into four congruent polygons as shown in the right shape.

Can you find the only way how to dissect this polygon into five congruent polygons?

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Dissection Puzzles



The Five Congruent Polygons (solution)

The solution how to dissect this polygon into five congruent polygons is shown in the illustration.

L. Vosburg Lyons first published this tricky dissection puzzle in 1969.

Martin Gardner described it in his book - *Wheels, Life and Other Mathematical Amusements*.