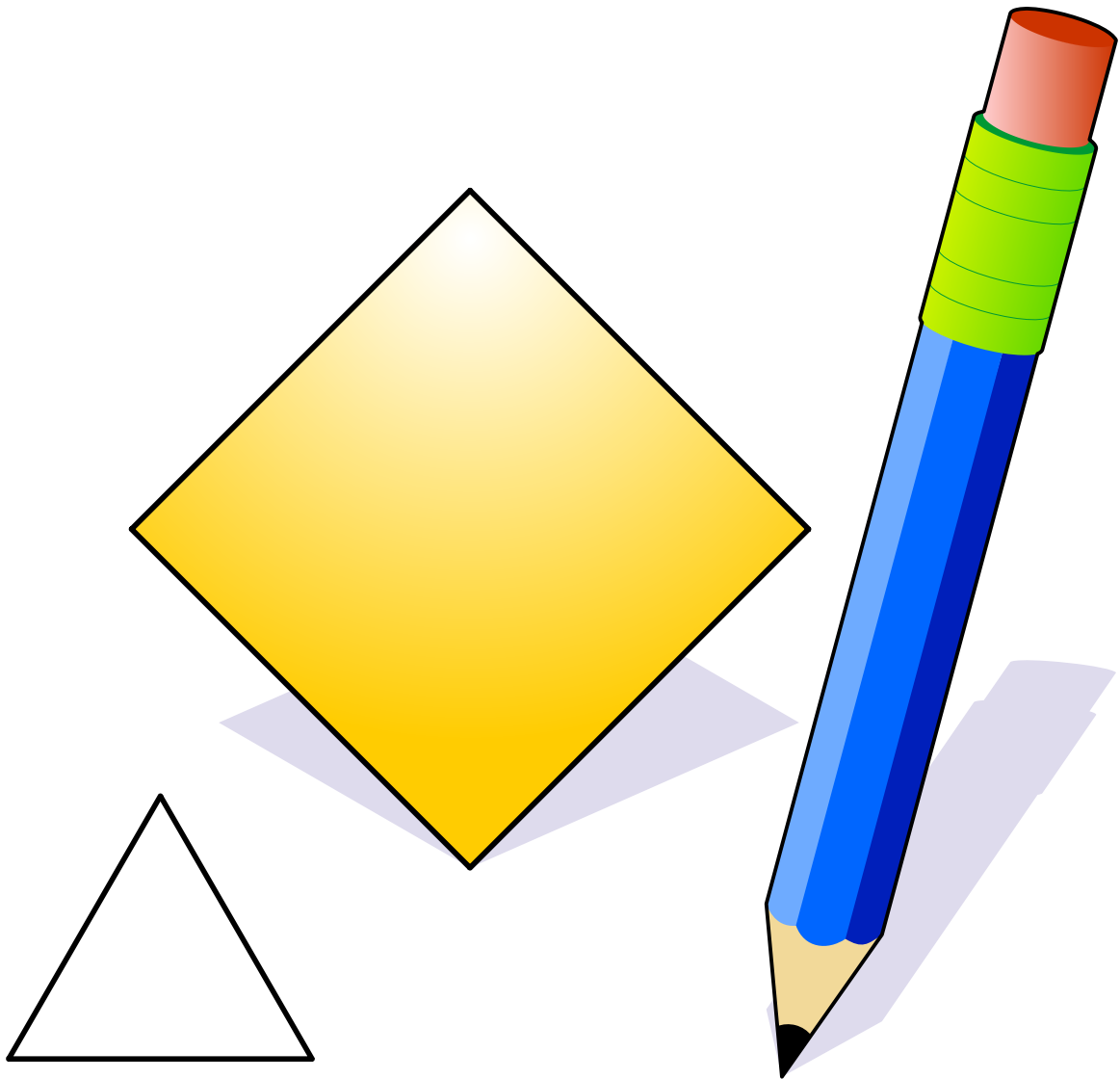


# Square to Triangle

by Serhiy Grabarchuk, Jr.

Puzzles.COM

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Suppose you have the shape of a perfect square with straight sides.

Can you draw on a piece of paper an equilateral triangle with a pencil using this square as a ruler? No other tools for drawing or measuring are allowed.

The triangle in the lower left corner is provided as an illustration. The actual size of the final triangle is up to you only.

More from the author and the reverse puzzle, Triangle to Square, can be found at [UniPuzzle.com](http://UniPuzzle.com).

Posted: February 23, 2008

Page 1 of 2

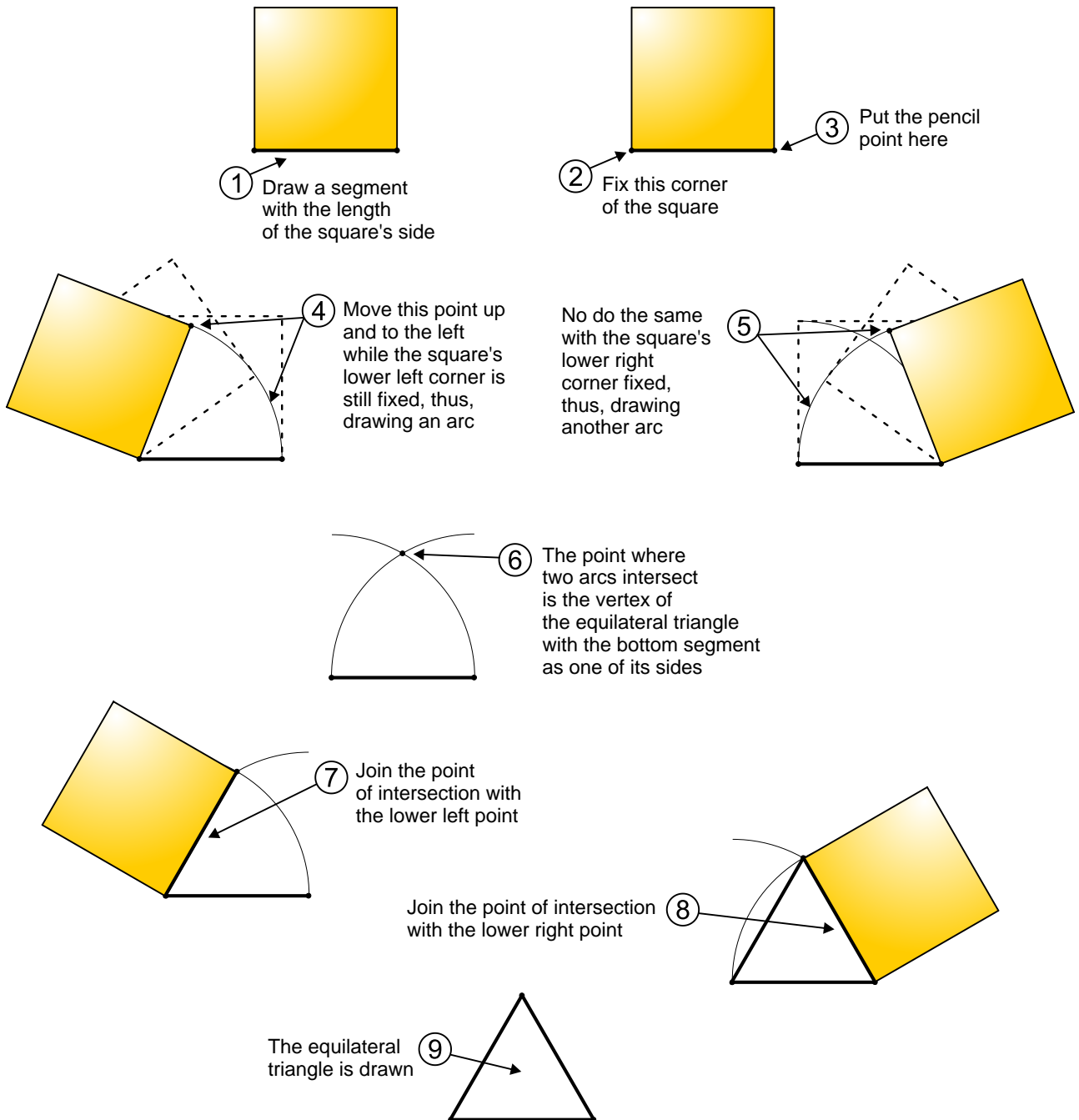
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Solution

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One of the solution methods is shown in the diagram.

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Page 2 of 2