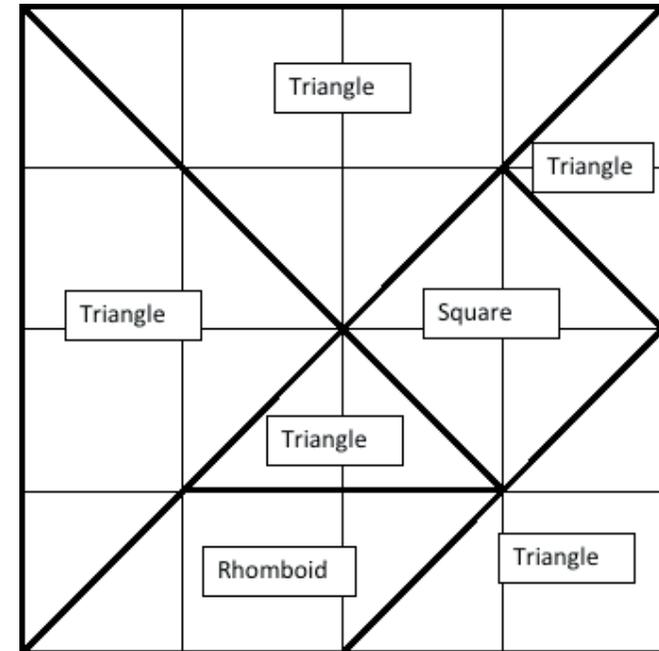


# TANGRAMS

This fun Chinese game can help you learn about geometry. Using seven shapes (five triangles, one square and one rhomboid) the challenge is to arrange them to make up pictures. The classic rules are simple: all tangram pieces must be used, they must lay flat, all must touch and none may overlap. But remember, it's all about fun and creativity, so the rules may not always apply!

Here we show you how to make your own! On the right, see how to mark out the cuts on a 4 x 4 grid. There are small and large templates that you can print out. You could print on paper or card and cut along the lines.

Get picture puzzles from the internet. A good site for information on tangrams including history and lots of pictures to be made is [www.tangram-channel.com](http://www.tangram-channel.com).



This is how you divide your card into seven Tangrams: five triangles, one square and one rhomboid.

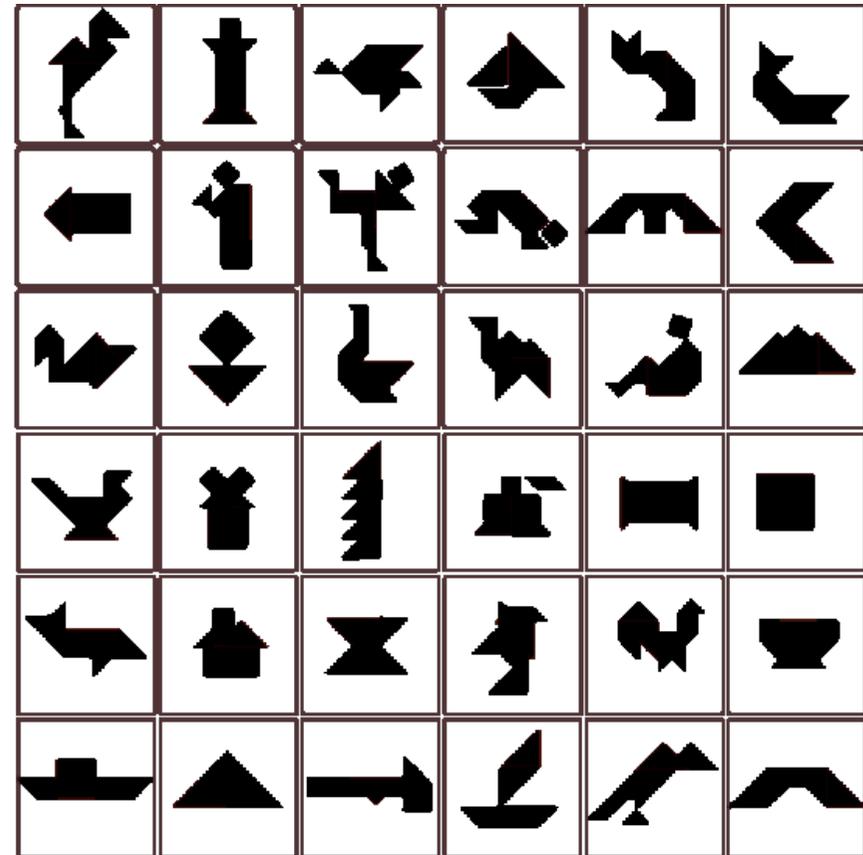
[www.mathsweek.ie](http://www.mathsweek.ie)

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Why not try constructing one of these shapes to the right using all seven pieces?



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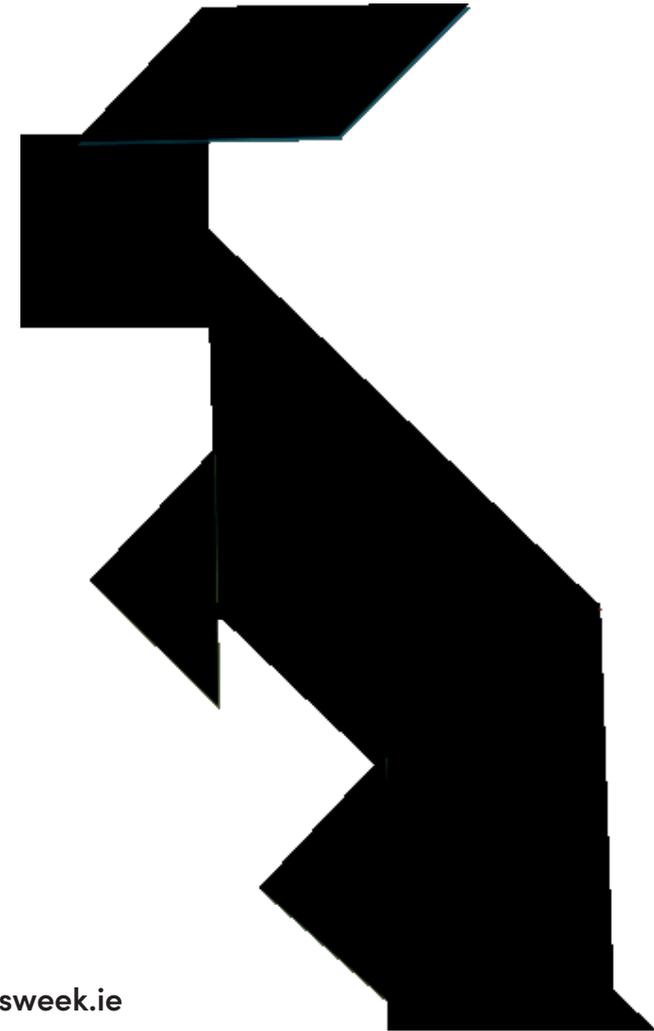
# TANGRAMS

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Why not have a go and see if you can construct this Tangram rabbit to the right using all seven pieces?



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# TANGRAMS

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Why not have a go and see if you can construct this Tangram square to the right using all seven pieces?



[www.mathsweek.ie](http://www.mathsweek.ie)