

Tangrams

Activity 3 - Number & Letter Tangrams



A tangram is an ancient Chinese puzzle. According to legend, a scholar named Tan discovered the game by accidentally dropping a square porcelain tile and breaking it into seven geometric pieces.

The seven tangram pieces are: two congruent small triangles (equal to each other in shape and size), two large congruent triangles, one medium sized triangle, one small square, and one parallelogram. These seven pieces form a complete tangram puzzle. You can see how these pieces fit into a square. On the following page is a tangram alphabet and the numbers 0 to 9. Try constructing the letters and write your name, or make your favourite number!

Activities:

Do you know the birthday of a friend or family member? Make the date of their birthday from tangram pieces. Take a piece of cardstock and fold it in half. Glue the tangram date on the front of your card and write your greeting on the inside.

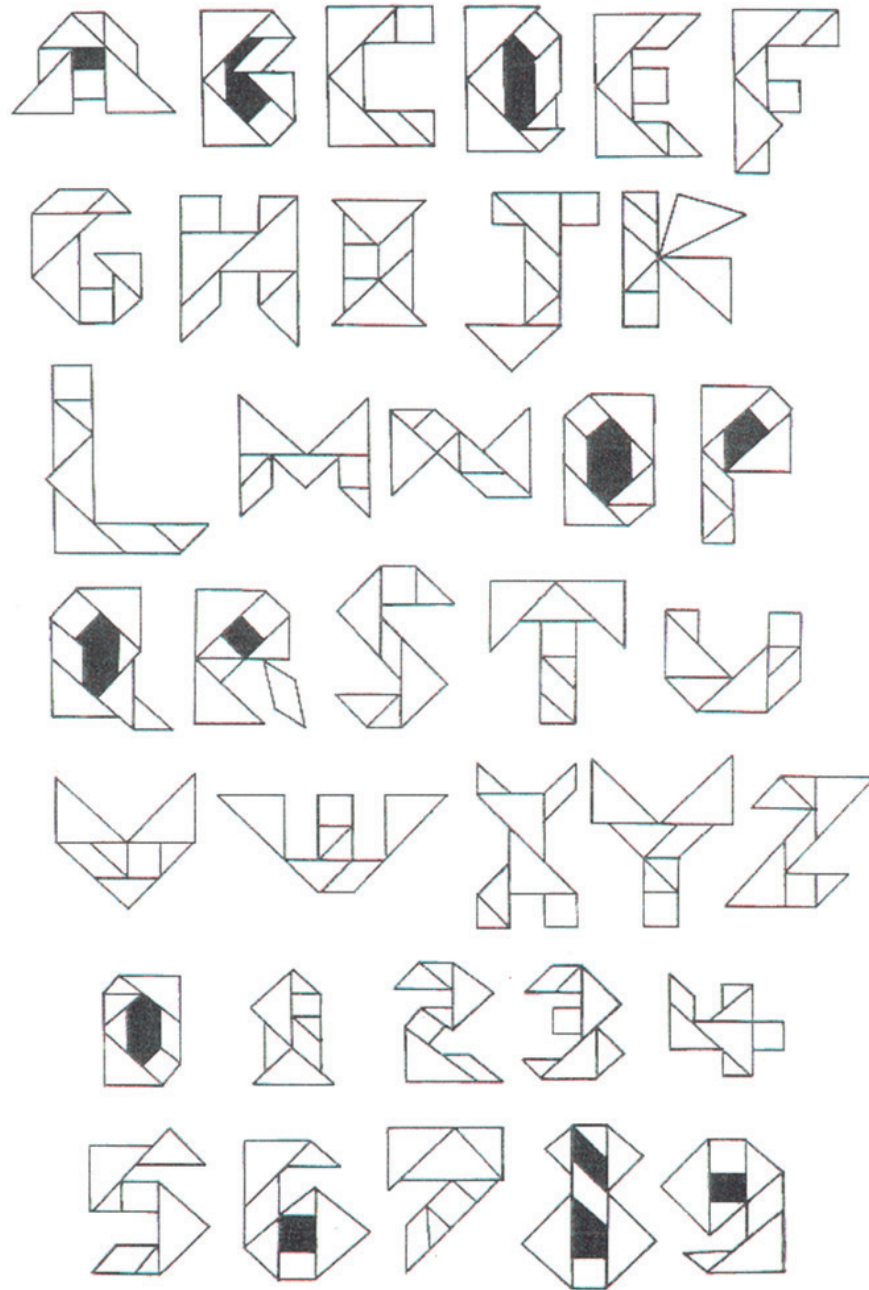
Construct each letter of your name, and then put the letters together. Get a piece of bristol board or cardstock and glue your tangram letters on top. You can now put your work of math art on your door and impress everyone who comes by!



Can you believe THIS is math?

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Activity 3 - Number & Letter Tangrams - *continued*



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