

Tangram Puzzles

Discuss

Make a large square with all seven tans.

Do not give up!
Interesting problems
take time!

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Julia

I try to match the sides of the pieces to the sides of the square. Where will a large triangle fit?

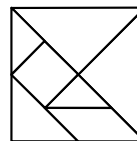
Roberto

I match the angles of the pieces to the angles of the square. Should I rotate or flip a piece?

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There is one solution. The square can be rotated and flipped into 8 configurations.

Homework (SG p. 306)

Students' tangrams will vary.

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Homework

Use a set of tangram pieces to make a tangram using all seven tans. The pieces must be placed edge to edge. Trace only the outline of your tangram design so that it can be a puzzle to be solved. Below are some example tangrams showing each tan.

Here are the seven tans that make the tangram:

Here is the outline of the tangram design. Do not trace each tan.

Try to build these tangrams.

Chris

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