

TRISQUARE SHAPES

Picture Puzzles

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This Picture Puzzle is based on
... Task 237, Trisquares
Teaching Notes
... mathematicscentre.com/picturepuzzles/teachingnotes.htm

Picture Puzzles

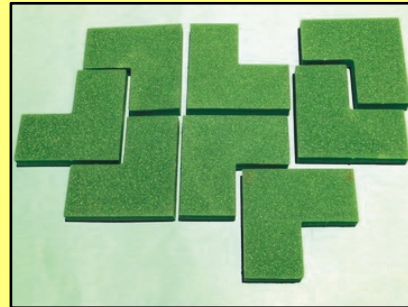
To Do

1. Make and record shapes using 2 Trisquares.
2. Make and record shapes using 3 and 4 Trisquares.
3. Try some Trisquare puzzles.

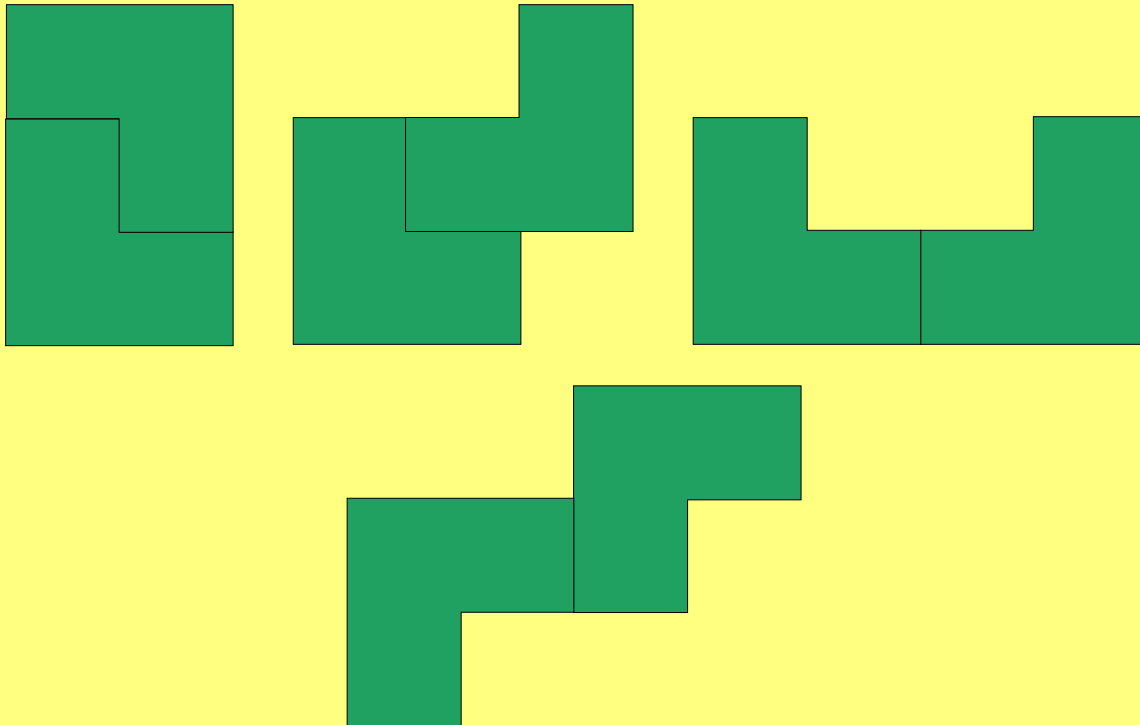
You Need

- Eight Trisquares
- Square graph paper

Trisquares

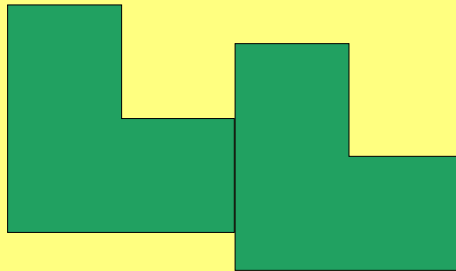
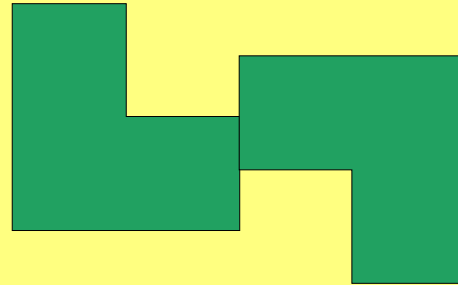
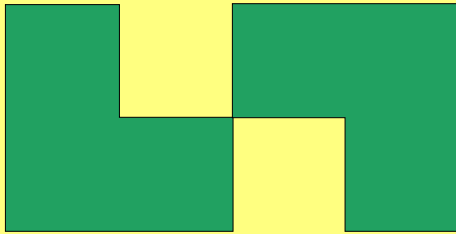


Trisquares join like this...



Picture Puzzles

But not like this...



Make some 2 Trisquare shapes.

Choose your three favourite ones.

Draw their outline.

Show the joins with dotted lines.

Make some 3 and 4 Trisquare shapes.

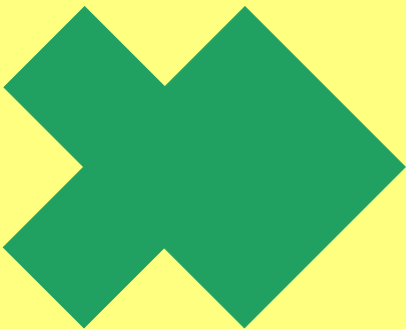
Choose two of each.

Draw their outline.

Show the joins with dotted lines.

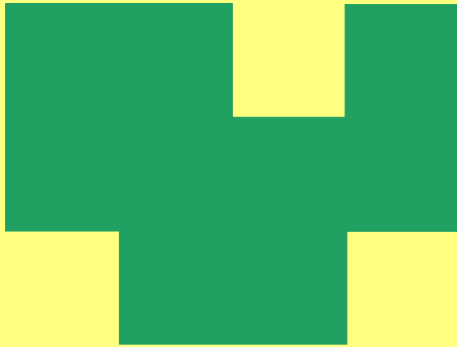
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Make and draw these shapes.



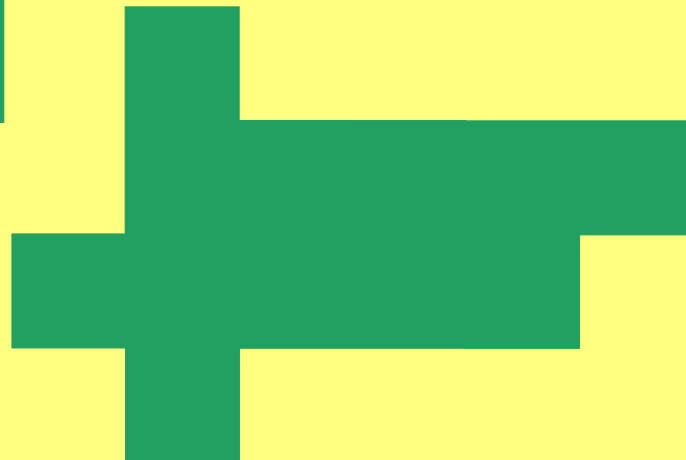
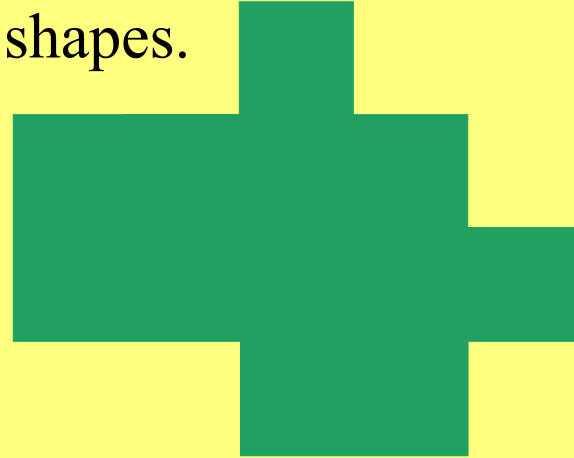
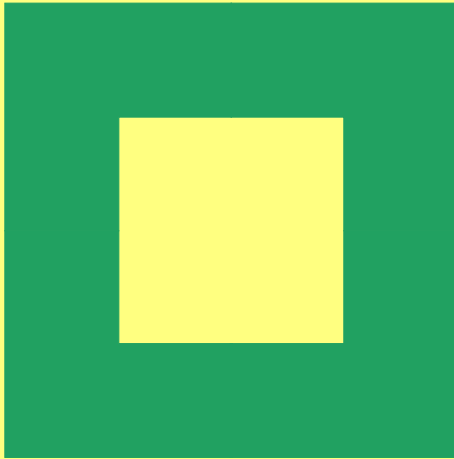
Picture Puzzles

Make and draw these shapes.



Picture Puzzles

Make and draw these shapes.



Make and draw this shape.



Create a Trisquare shape.

Draw its perimeter then mess up the pieces.

Challenge someone to make your Trisquare Shape.

more

How many 2 Trisquare shapes are there?

How do you know when you have found them all?

even more

Investigate tessellating with Trisquares.

THE END...

...OR IS IT?