

We've recently made an accessibility improvement to the community and therefore posts without any content are no longer allowed. Please use the spoiler feature or add a short message in the message body in order to submit your weekly challenge.



2022-05-26 Updates: Email: If you're not seeing emails be delivered from the Community, please check your spam and mark the Community emails as not junk. Thank you for your patience.



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Free Trial

Weekly Challenge

Solve the challenge, share your solution and summit the ranks of our Community!

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IDEAS WANTED

We're actively looking for ideas on how to improve Weekly Challenges and would love to hear what you think!

[SUBMIT FEEDBACK](#)

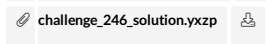
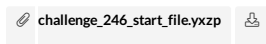
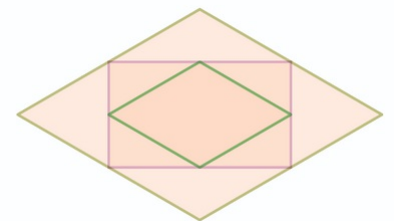
[Weekly Challenge](#)

Challenge #246: Rectangle Tangle



A solution to last week's challenge can be found [here](#).

This week you are given 4 centroids which you can turn into a rectangle. Once you have created your rectangle, find the midpoints of the lines that connect those centroids, then make another rectangle from those points. Keep doing this until the area of the rectangle is less than 5 square miles.



Interface Intermediate Join Macros Preparation Spatial

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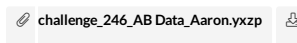


Aaron Harter

11 · Bolide

I designed an iterative macro to solve this challenge:

► Spoiler



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Jonathan Sherman

15 · Aurora

Challenge 246 is done!

Workflow:

► Spoiler

Iterative Macro:

► Spoiler

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 **AkimasaKajitani**

15 - Aurora

My solution.

▷ Spoiler


 challenge_246_start_file_AK.yxzp




 **Kenda**

15 - Aurora

▷ Spoiler

 246 ks.yxzp





 **dsmdavid**

11 - Bolide

Also iterative

▷ Spoiler

 david_246.yxzp





 **RolandSchubert**

16 - Nebula

My solution - used an iterative macro

▷ Spoiler

 challenge_246_solution_rsc.yxzp




 **PhilipManning**

15 - Aurora

First time doing a spatial calc in the multirow,

▷ Spoiler


 Challenge 246 - Rectangle Tangle.yxzp




 12 - Quasar

So many rectangles:

▷ Spoiler

 challenge_246_ph_solution.yxzp



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 **Greg Murray**
12 - Quasar

This was a fun one. I took an iterative approach, outputting all of the iterations and only keep the last one.

Workflow


▷ Spoiler


Iterative macro

▷ Spoiler

Bonus Rectangles!

▷ Spoiler

 Challenge_246_solution GM.yxzp



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