Weekly Challenge

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

Also available in | Français | Português | Español | 日本語

IDEAS WANTED

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

SUBMIT FEEDBACK

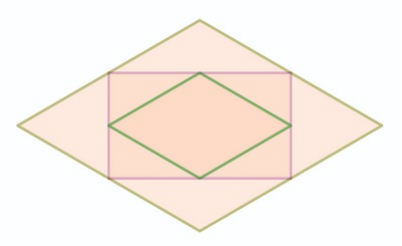
Weekly Challenge

Challenge #246: Rectangle Tangle

AYXAcademy
Alteryx

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.



challenge_246_start_file.yxzp

challenge_246_solution.yxzp

Interface | Intermediate | Join | Macros | Preparation | Spatial

Share | 6 LIKES | Reply

Aaron_Harter
11 - Bolide

I designed an iterative macro to solve this challenge:

Spoiler

challenge_246_AB Data_Aaron.yxzp

Share | 1 LIKE | Reply

Jonathan-Sherman
15 - Aurora

Challenge 246 is done!

Workflow:

Spoiler

Iterative Macro:

Spoiler

Share 1 LIKE Reply

AkimasaKajitani
15 - Aurora

My solution.

▷ Spoiler

challenge_246_start_file_AK.yxzp

Share 0 LIKES Reply

Kenda
15 - Aurora

▷ Spoiler

246 ks.yxzp

Share 0 LIKES Reply

dsmdavid
11 - Bolide

Also iterative

▷ Spoiler

david_246.yxzp

Share 1 LIKE Reply

RolandSchubert
16 - Nebula

My solution - used an iterative macro

▷ Spoiler

challenge_246_solution_rsc.yxzp

Share 1 LIKE Reply

PhilipMannering
15 - Aurora

First time doing a spatial calc in the multirow,

▷ Spoiler

Challenge 246 - Rectangle Tangle.yxzp

Share 2 LIKES Reply

---

phottovy

12 - Quasar

So many rectangles:

Spoiler

challenge_246_ph_solution.yxzp

Share 1 LIKE Reply

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

Share 2 LIKES Reply
