

# gifted

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## FRACTAL TRIANGLE

This is a fractal triangle. By repeating the triangle pattern at different scales within the larger shape, a complex shape is formed. For this activation, you will need: markers, colored pencils, or crayons, and a ruler.

### INSTRUCTIONS

1

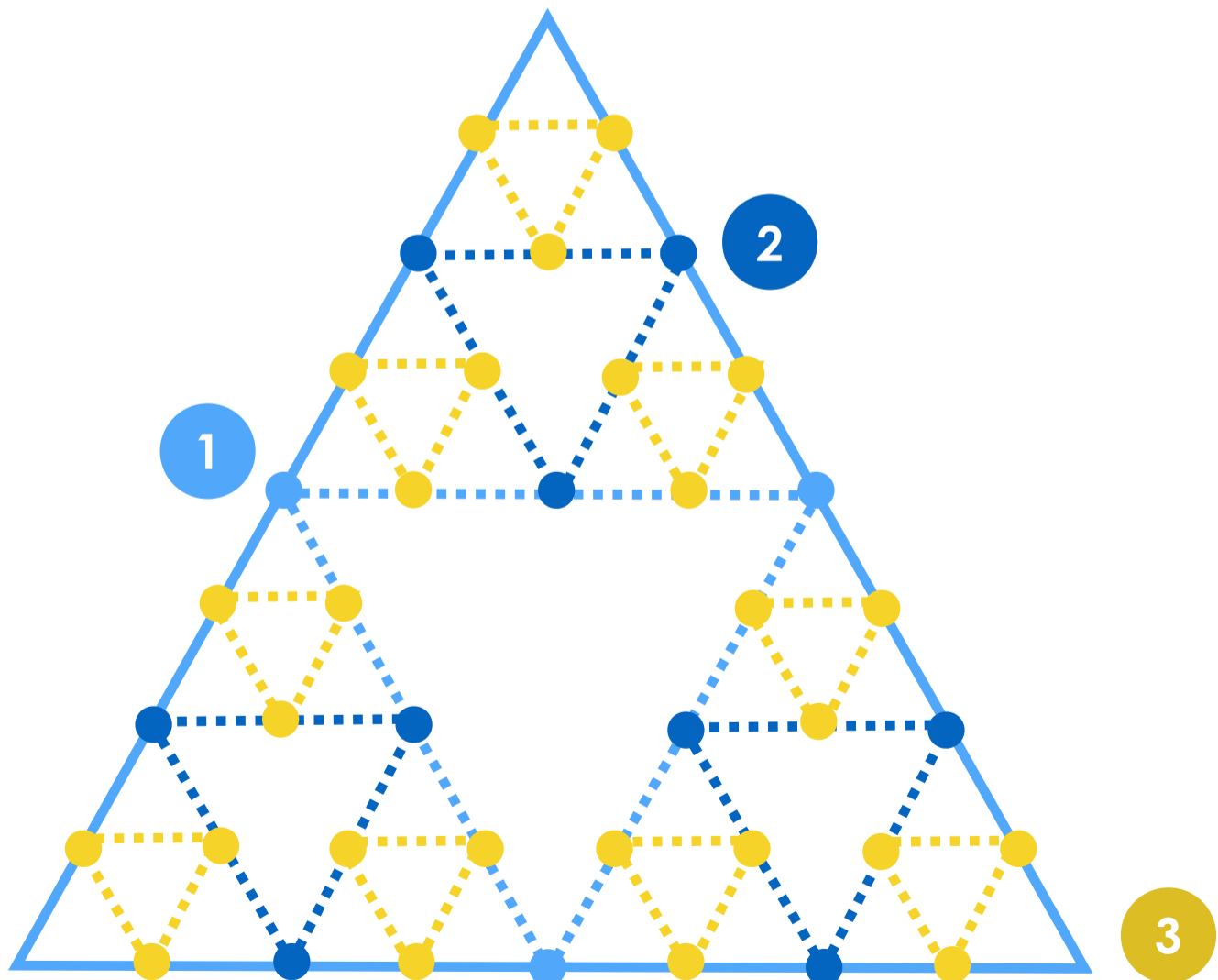
Identify the 3 midpoints of the triangle's sides and connect them to create a new, downward-facing triangle that is half the width of the original.

2

Identify the 3 midpoints of the triangle's sides and connect them to create a new, downward-facing triangle that is half the width of the original.

3

Repeat the same process within each upward-facing triangle for at least three iterations.



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## FRACTAL TRIANGLE

**Instructions:** Draw your own fractal triangle on this page, then color the triangles in. Don't forget to share photos of this challenge and share socially using the hashtag #GiftedMath.

