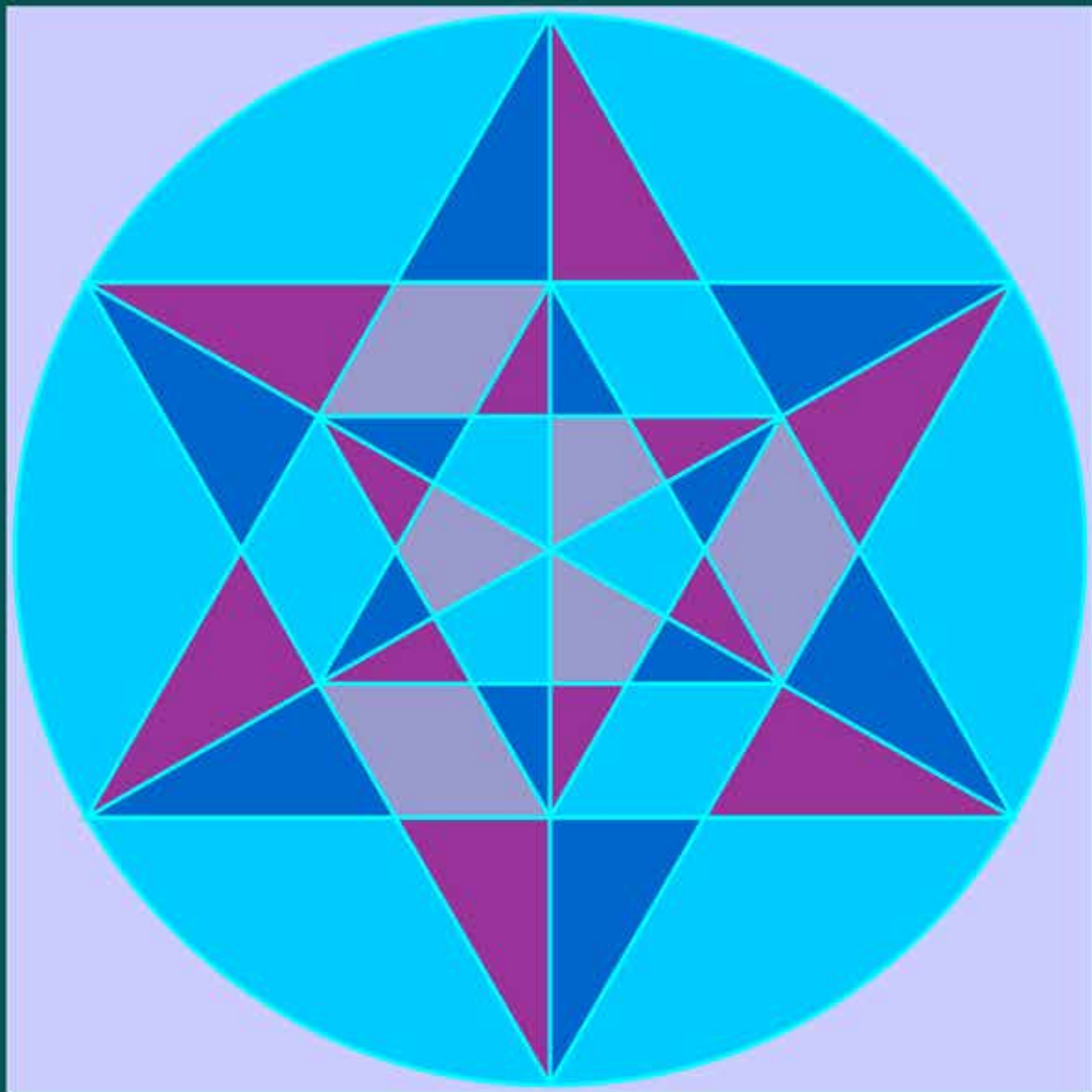


# GEOMETRIC COLORING DESIGNS

1–Doodling with Shapes



# DENISE GASKINS

*AUTHOR OF LET'S PLAY MATH: HOW FAMILIES CAN LEARN MATH TOGETHER AND ENJOY IT*

# Ready-to-Color Designs

## Doodling With Shapes

DOODLING GIVES OUR MINDS A chance to relax, wander, and come back to our work refreshed. And though it goes against intuition, doodling can help us [remember more of what we learn](#).

Math doodles let us experiment with geometric shapes and symmetries. We can feel our way into math ideas gradually, through informal play. Through doodles, our students will explore a wide range of mathematical structures and relationships.



*Our own school experiences can make it hard for us to teach. What we never learned in school was the concept of playing around with math, allowing ideas to “percolate,” so to speak, before mastery occurs, and that process may take time.*

—JULIE BRENNAN



I created these coloring pages for my homeschool co-op math students. We used them to play the Notice and Wonder game (see Annie Fetter’s YouTube video “Ever Wonder What They’d Notice?” at [youtu.be/a-Fth6sOaRA](https://youtu.be/a-Fth6sOaRA)) and to talk about symmetry. We used them for time-fillers when children finished a project early or for take-home sheets when we were running late.

The lines of each design are colored nonphoto blue, in case you want to scan your finished artwork. If you print them in grayscale (or on a black-only printer), they will come out a dim gray. I made them light on purpose, so it’s easy to ignore or color over the lines you don’t want to use in your picture.



**PREVIEW**



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