

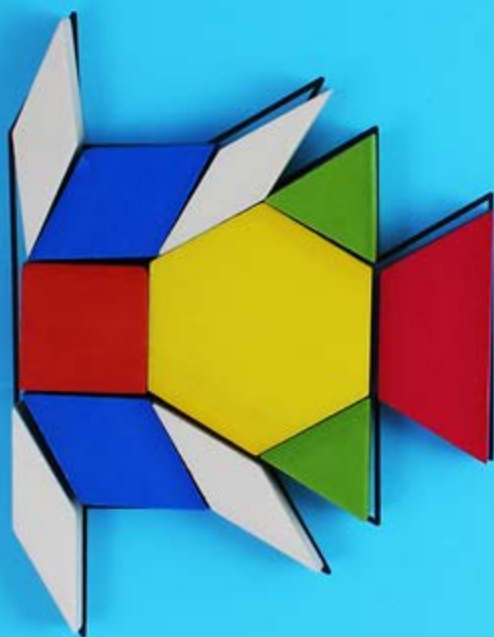
MATH LOGIC PUZZLES

COMPOSING SHAPES **level C**

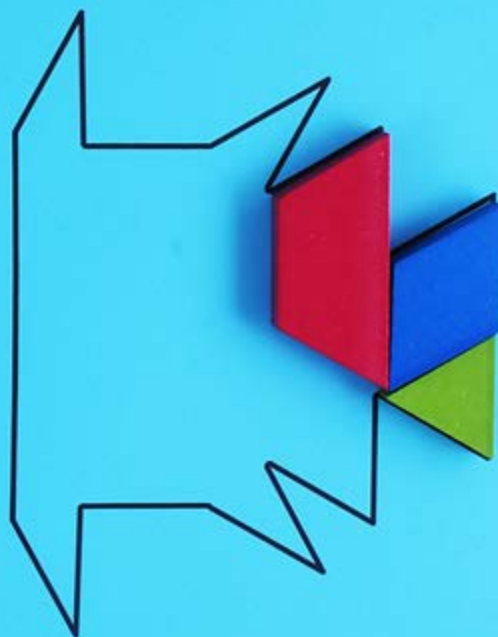
COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-6

Use 11 blocks to compose this shape.



Now use more than 11 blocks to compose the shape.



Created By: ©Christina Winter

Hello Friend!

Do you want to challenge your students' math brain? Do you want them to learn to persevere through problems? These engaging pattern block puzzles are designed to encourage and improve your students' skills needed to solve logic tasks as well as developing their visual discrimination skills.

Included in this resource are 18 different puzzles to be solved using pattern blocks, a printable of colored blocks (if needed), a perseverance anchor chart, and answer keys. The LEVEL C puzzles give students the number of blocks needed to solve each task. After students solve the puzzle they will use a greater or fewer amount of blocks to compose the same shape.

For best results, copy on cardstock or construction paper and laminate. I always "think aloud" and model for my students how I solve the puzzles before putting them in an independent center. It is important to demonstrate how good thinkers persevere through problems. They try a solution, get stuck and try another solution to solve.

I hope your students enjoy these logic puzzles! ~ Christina

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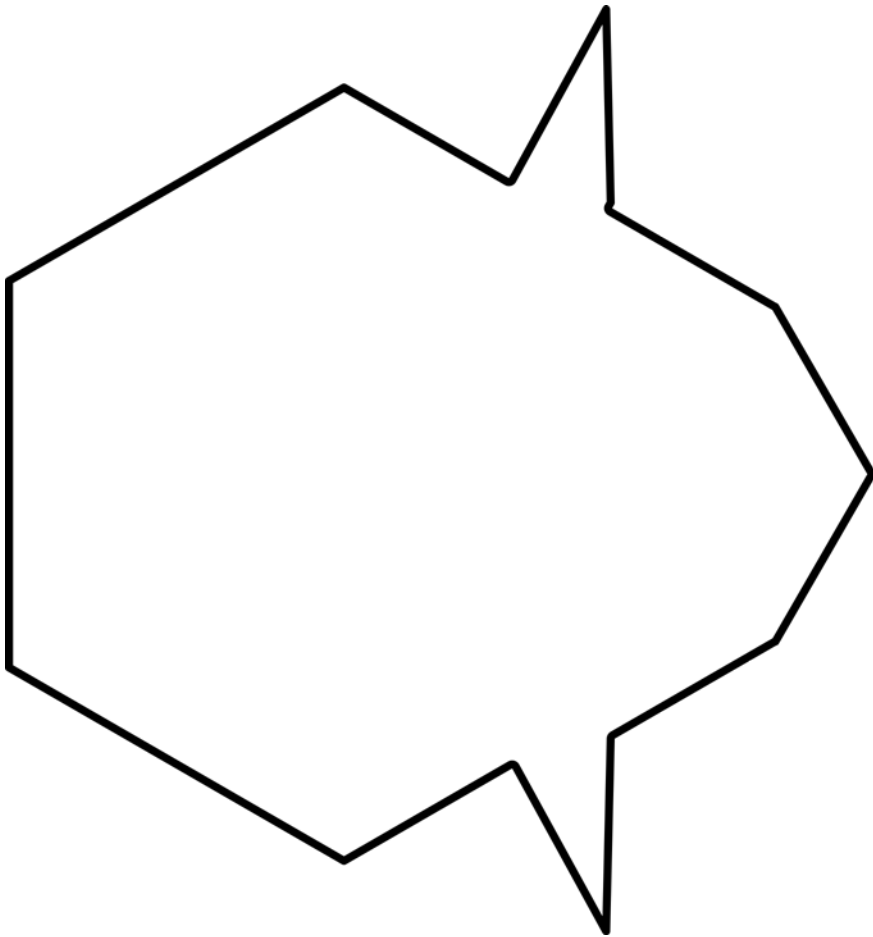
Just a reminder, this product is for use in one classroom. You may purchase additional licenses at a **reduced cost** for your colleagues under your purchases.

If you have any comments or questions, please email me at --->>> christina@mrs winters bliss.com

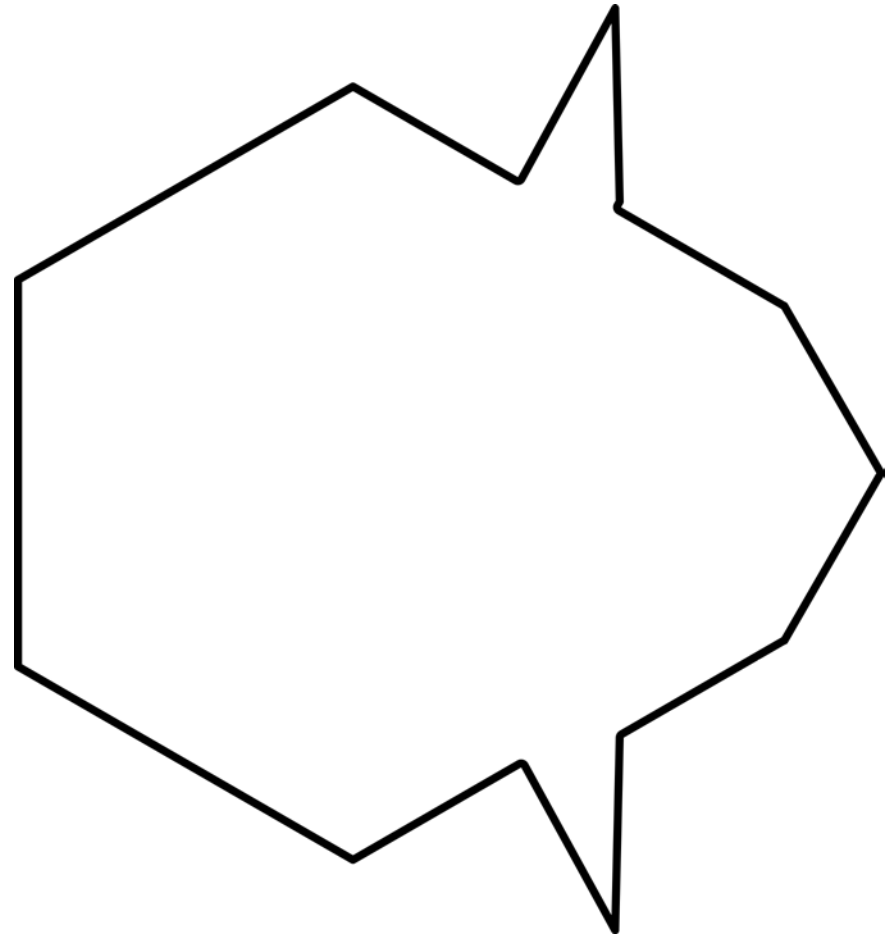
COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-1

Use 12 blocks to compose this shape.



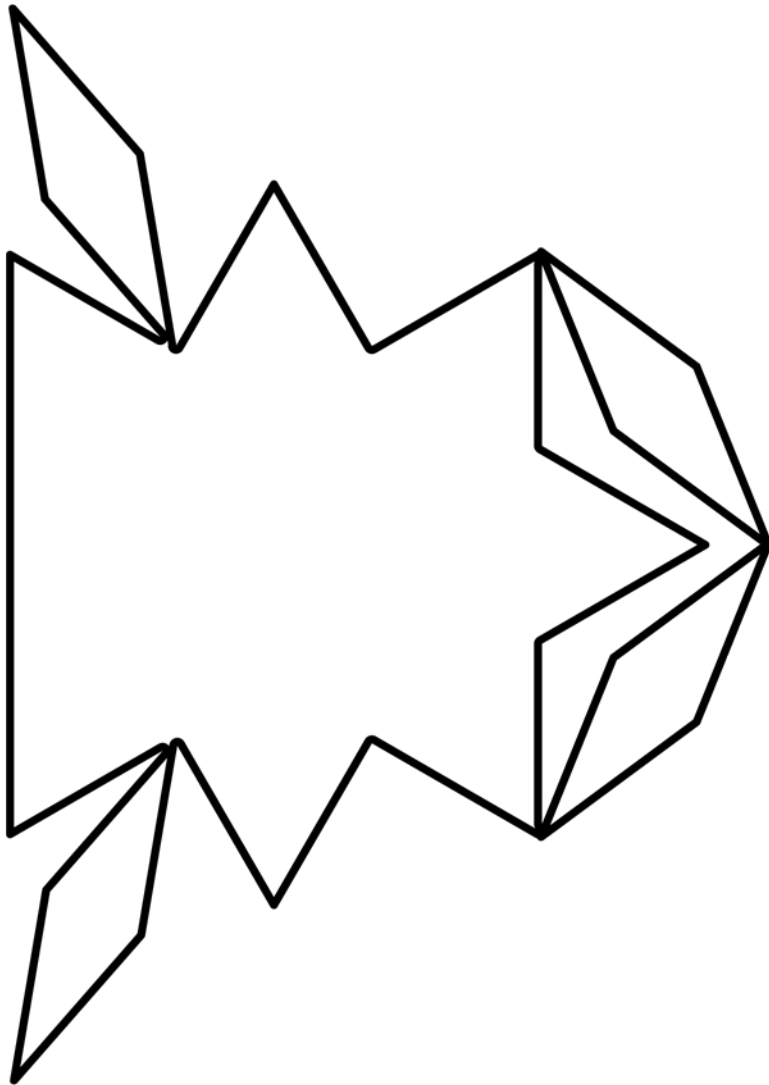
Now use more than 12 blocks to compose the shape.



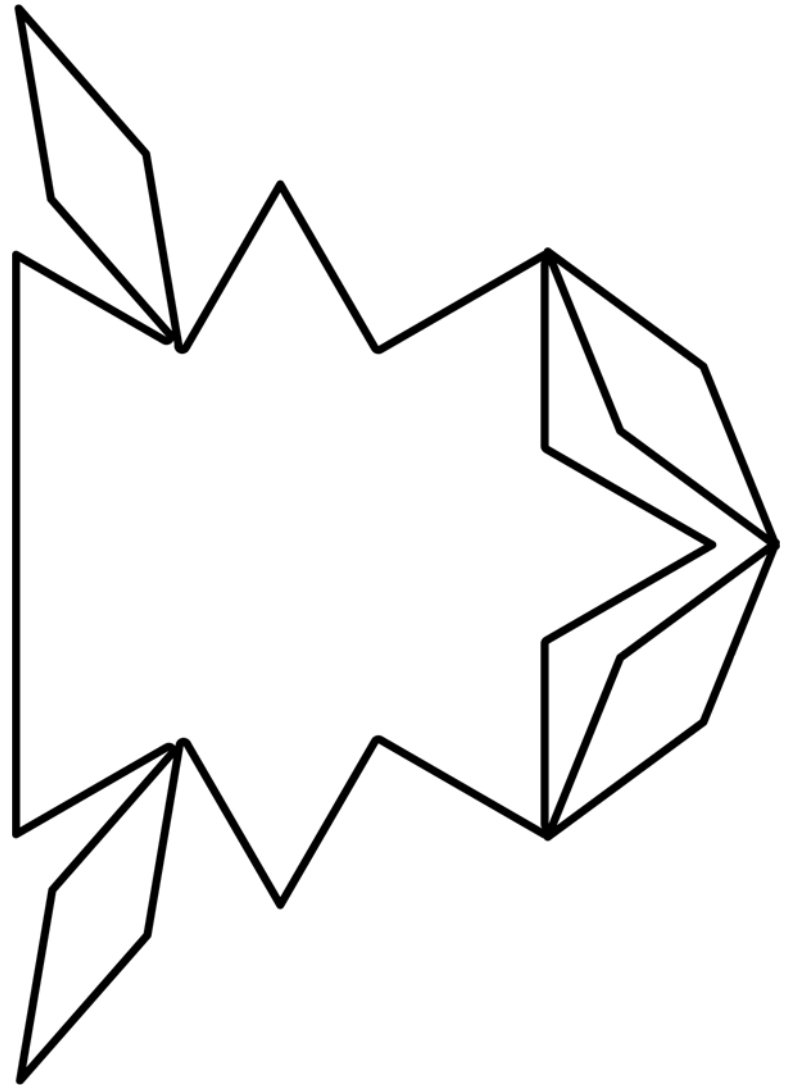
COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-2

Use 14 blocks to compose this shape.



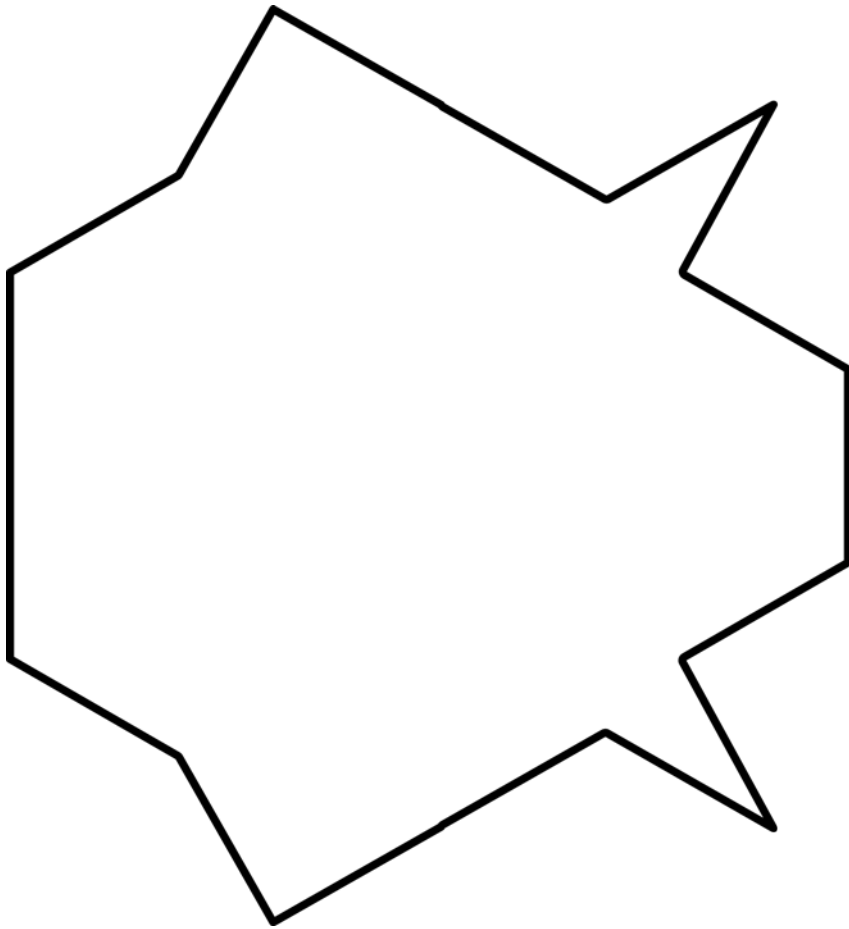
Now use more than 14 blocks to compose the shape.



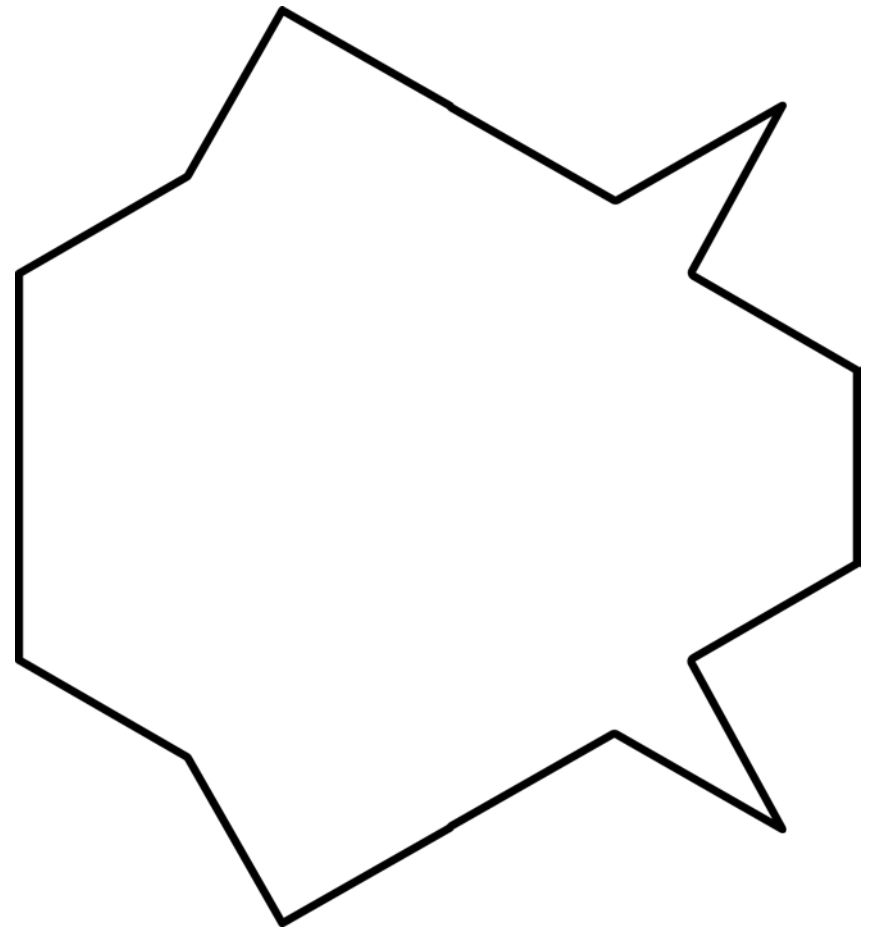
COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-3

Use 12 blocks to compose this shape.



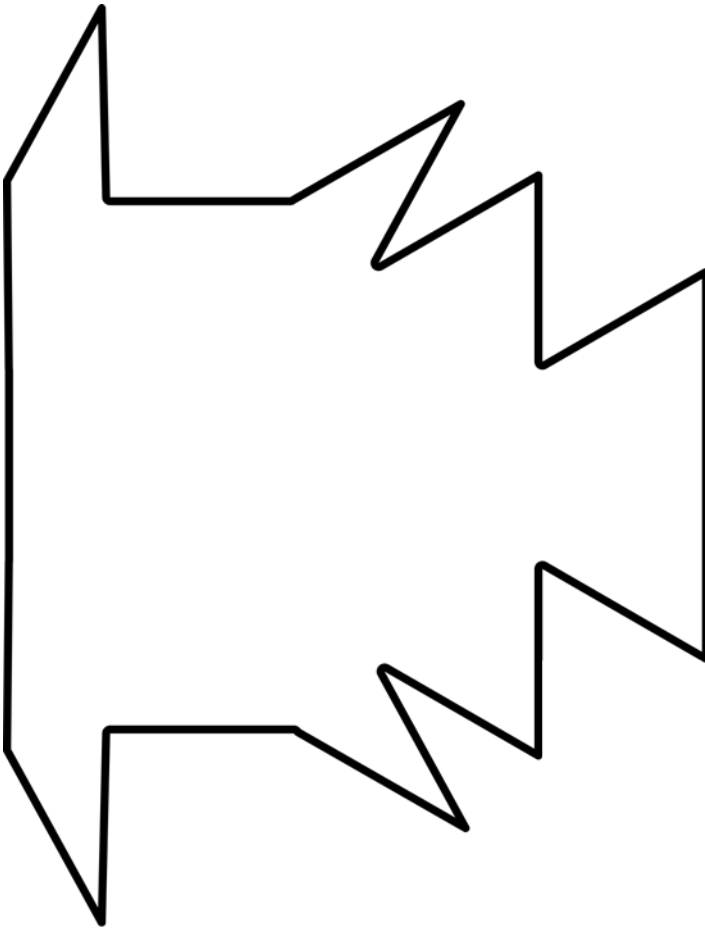
Now use fewer than 12 blocks to compose the shape.



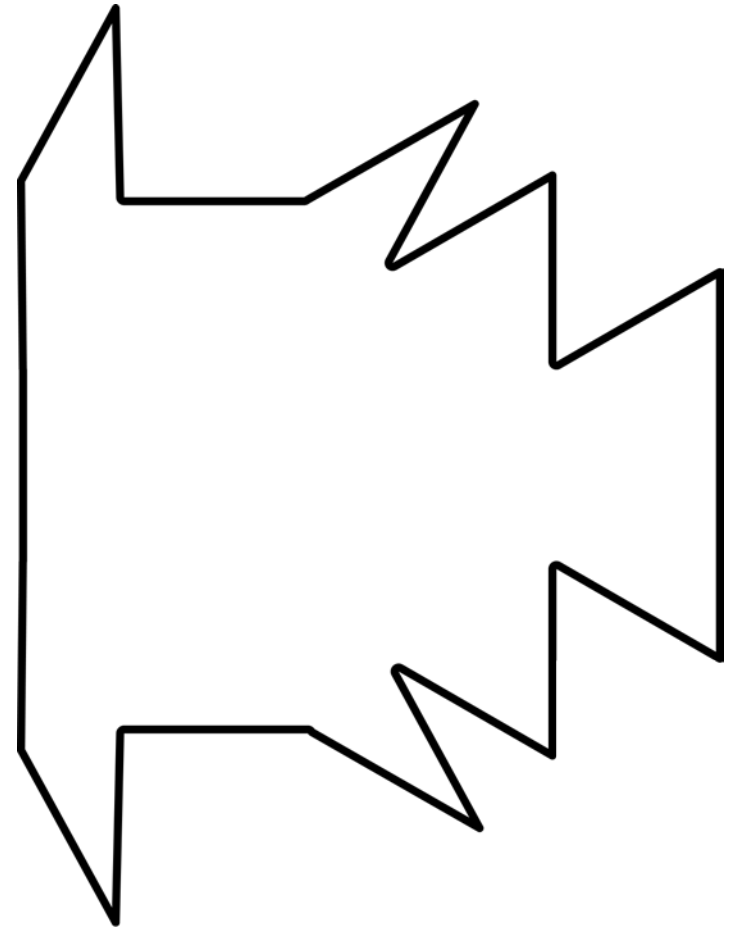
COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-4

Use 11 blocks to compose this shape.



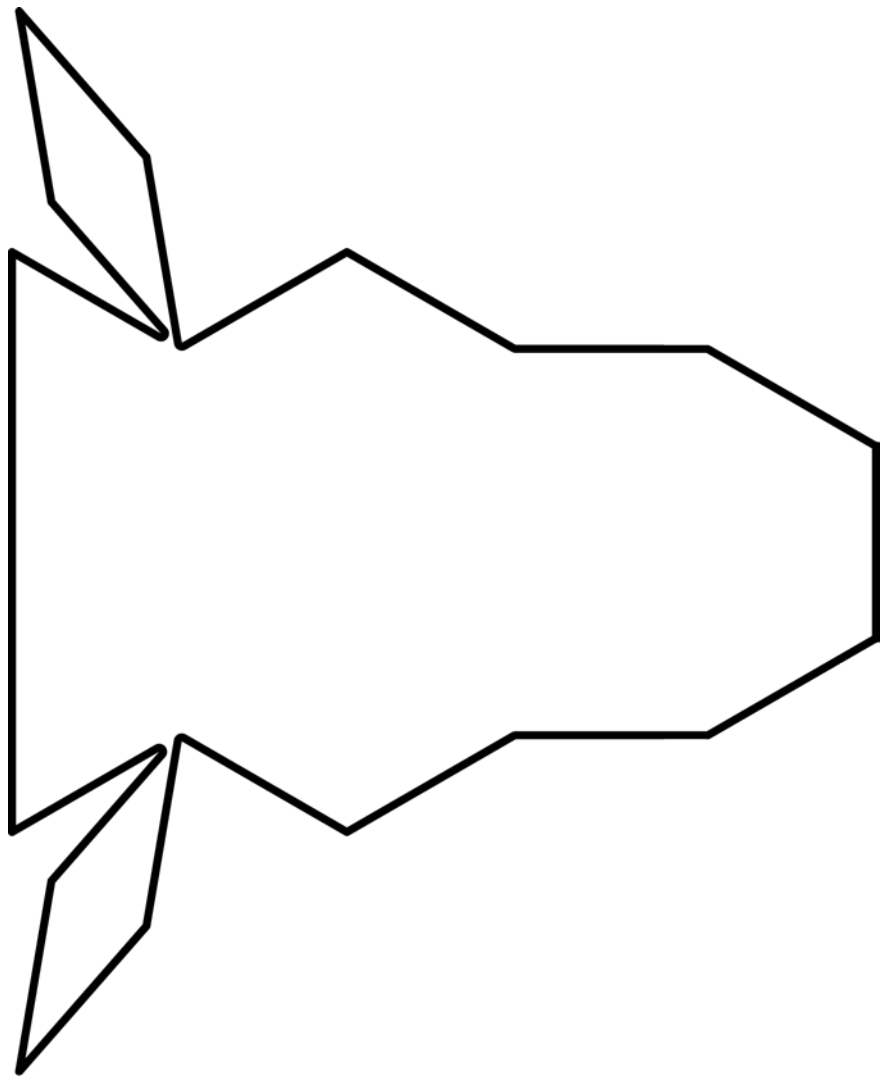
Now use more than 11 blocks to compose the shape.



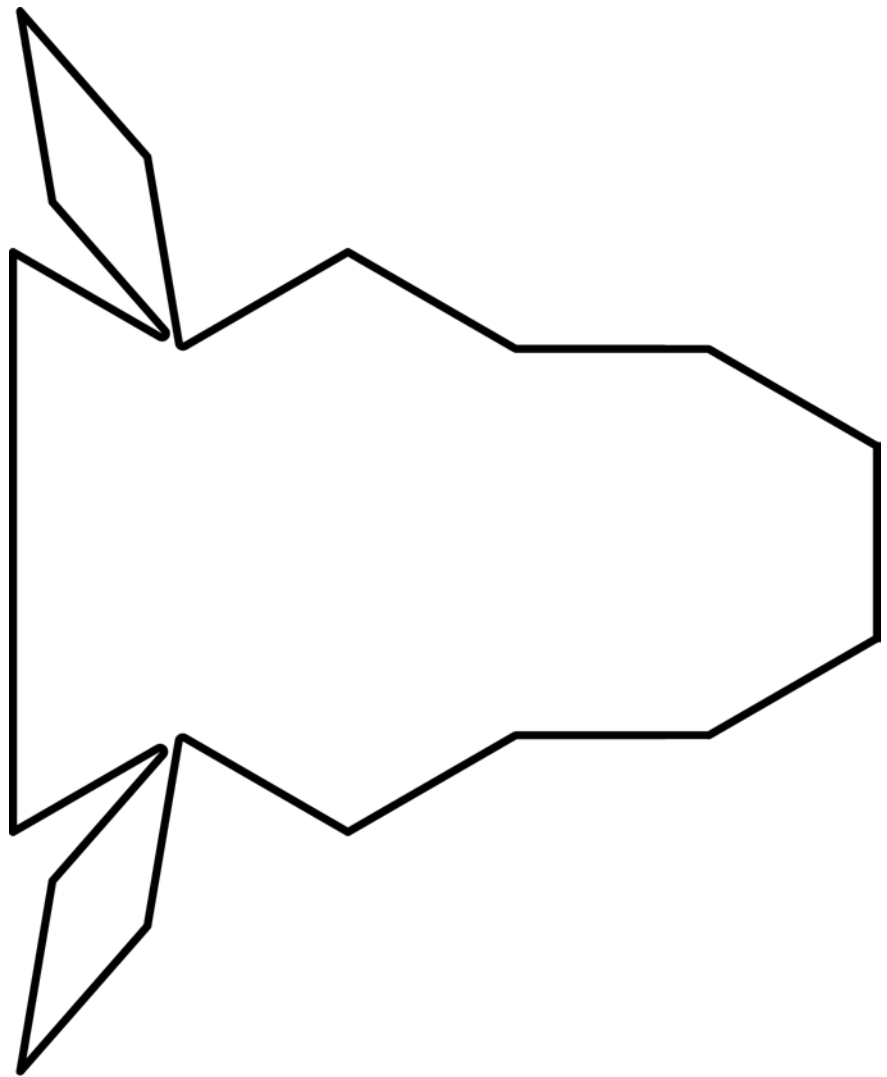
COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-5

Use more than 12 blocks to compose this shape.



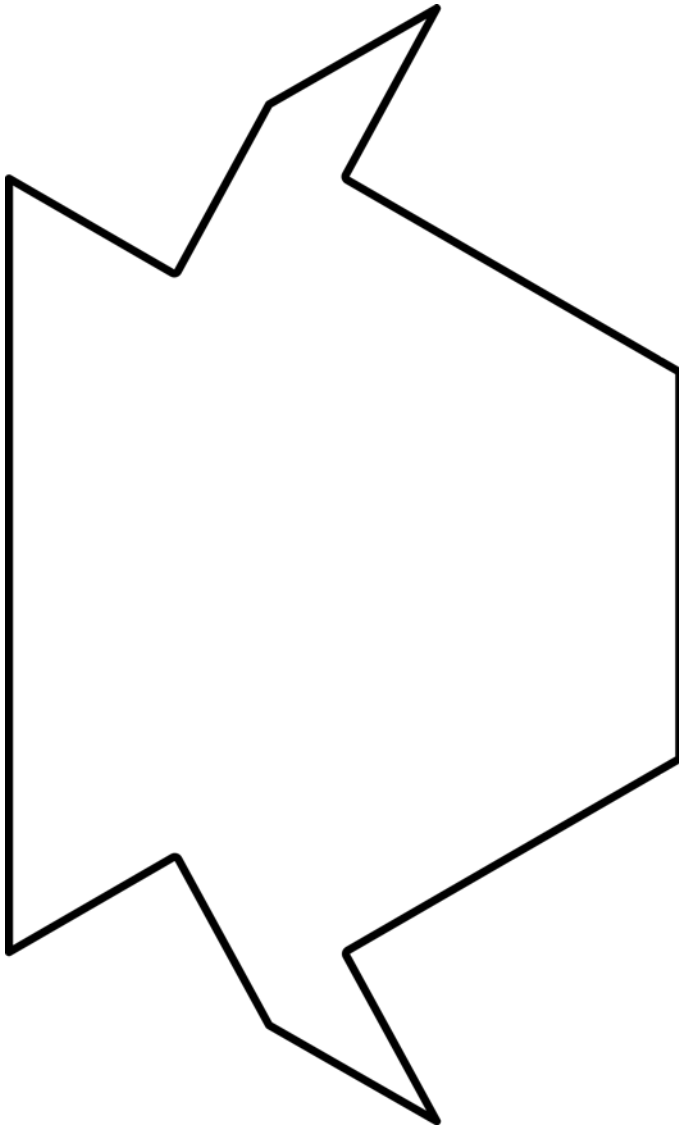
Now use fewer blocks to compose the shape.



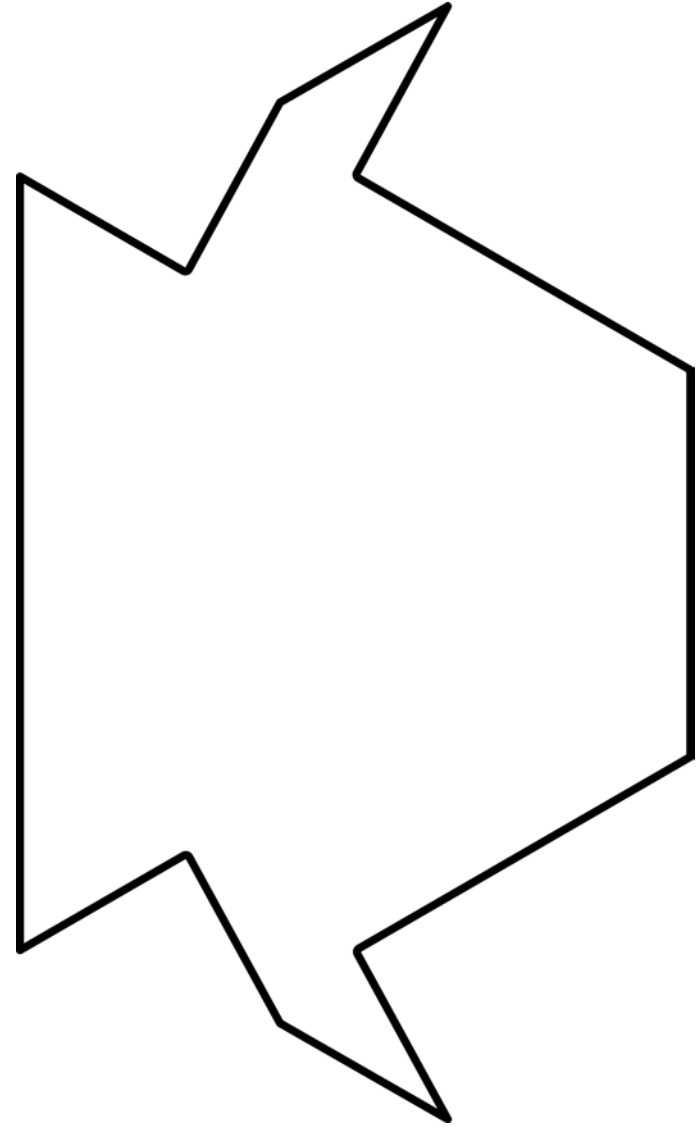
COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-6

**Use more than 12 blocks to
compose this shape.**



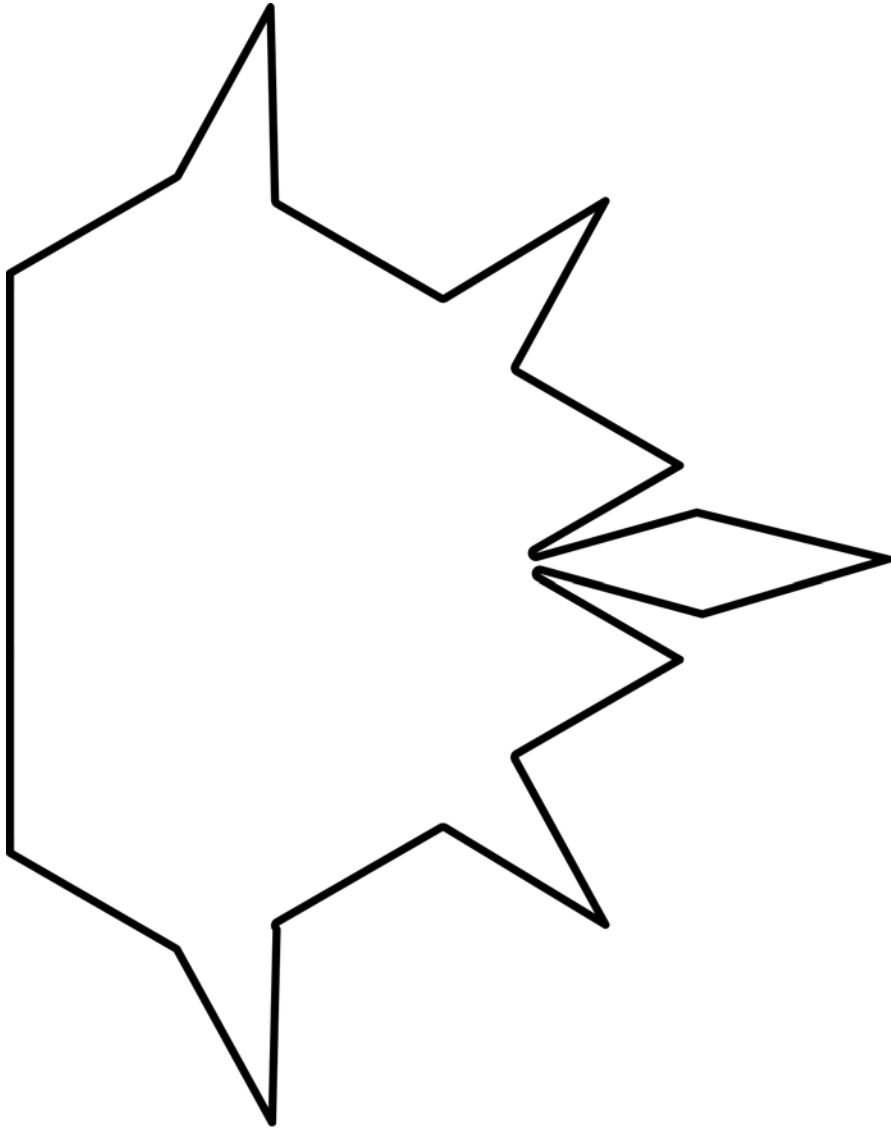
**Now use fewer blocks to
compose the shape.**



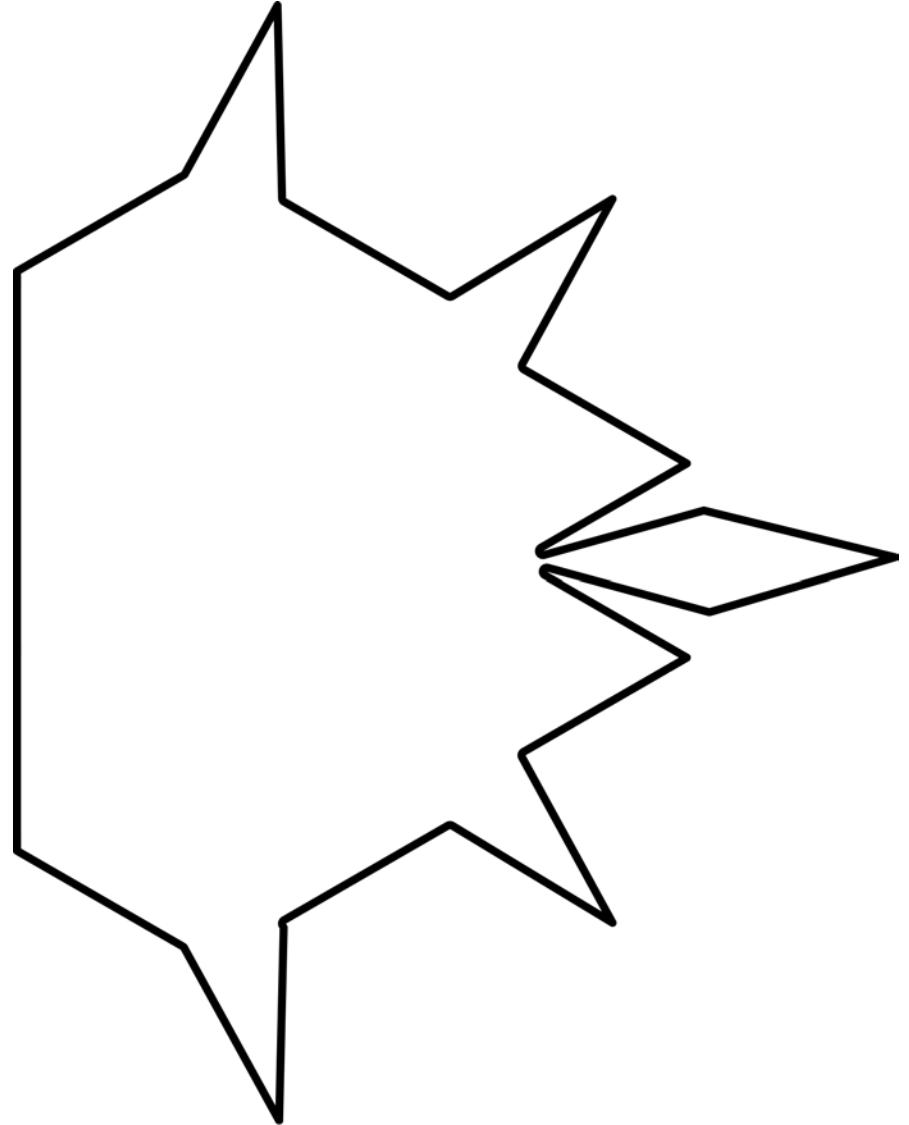
COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-7

**Use more than 10 blocks to
compose the shape.**



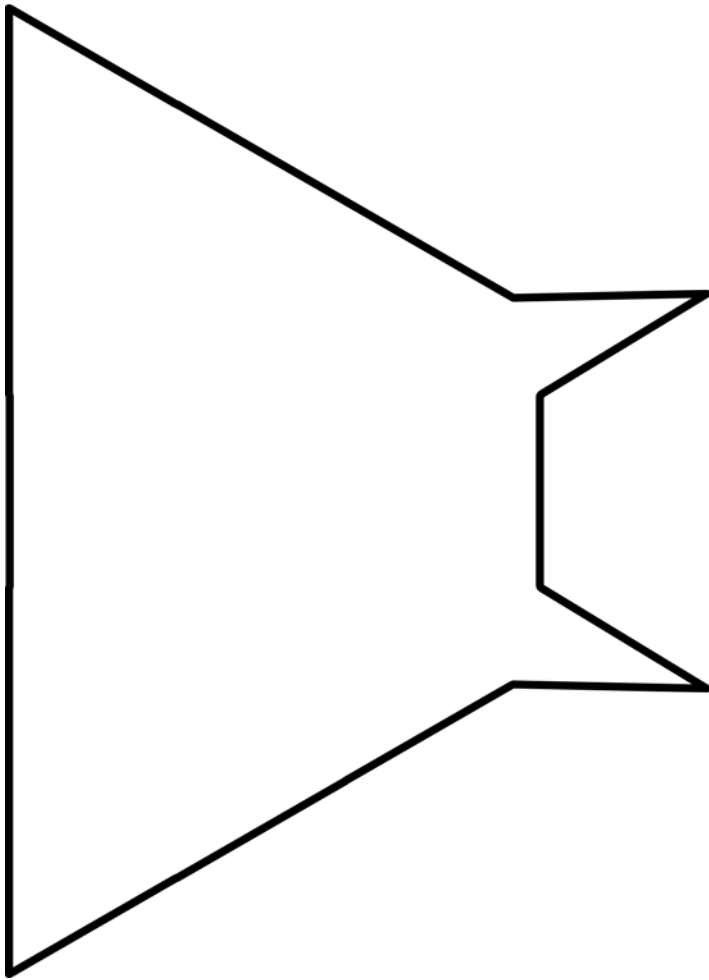
**Now use fewer blocks to
compose the shape.**



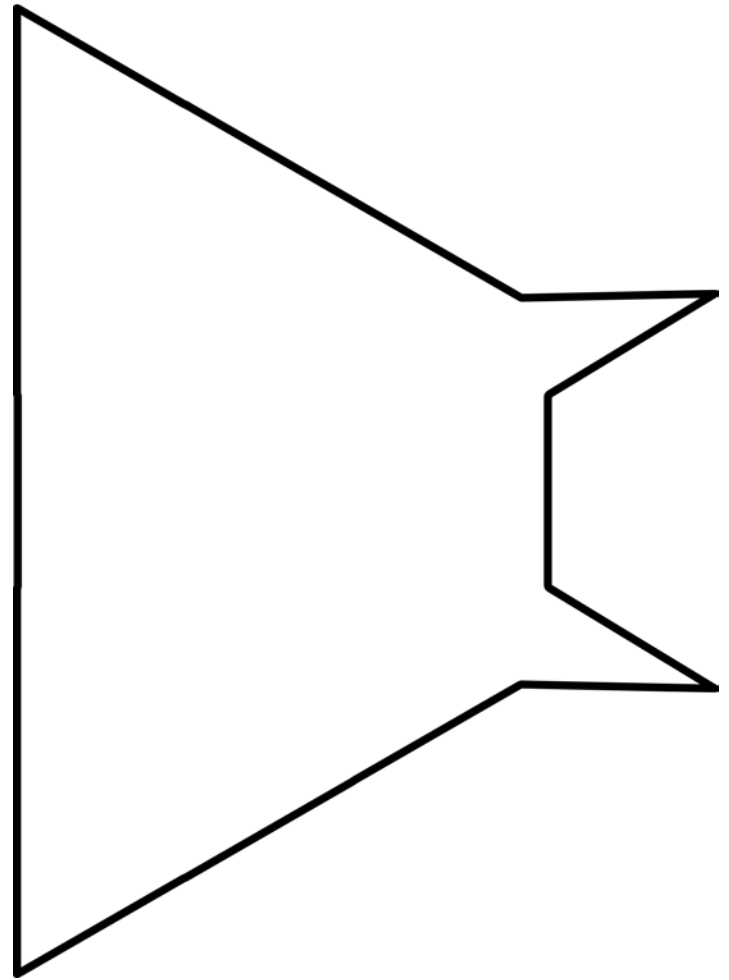
COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-8

**Use more than 8 blocks to
compose the shape.**



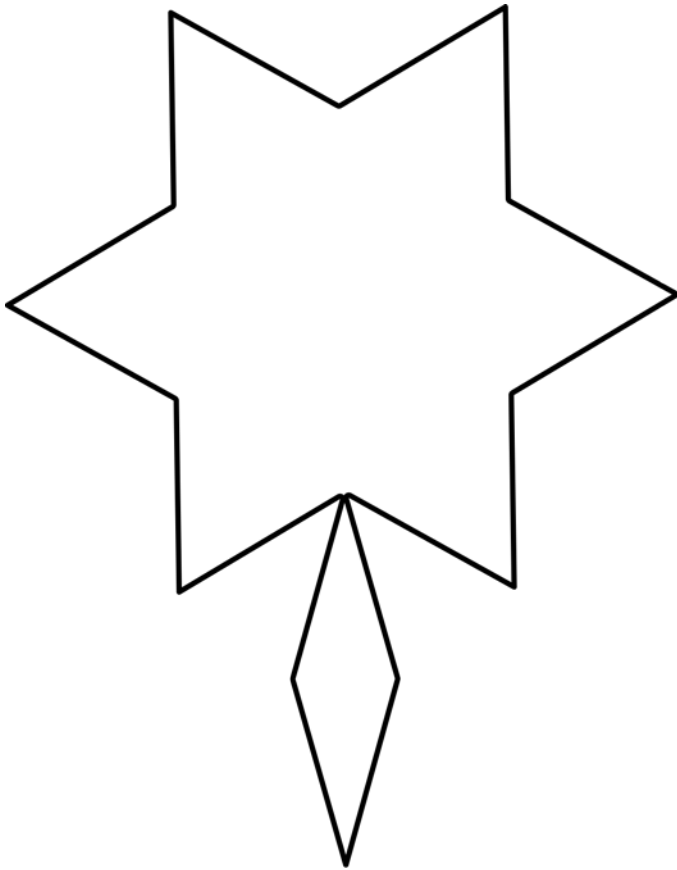
**Now use fewer blocks to
compose the shape.**



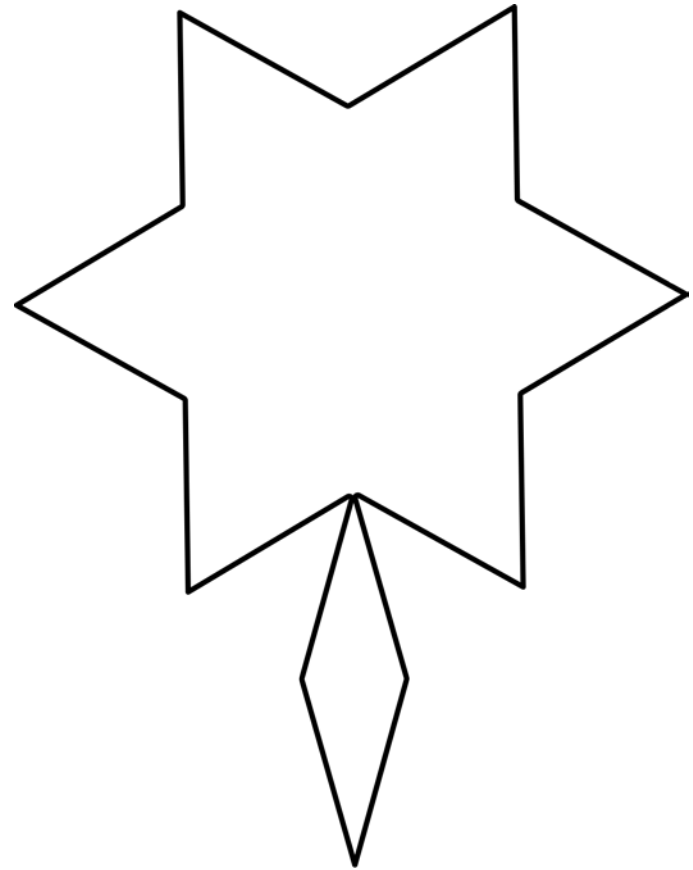
COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-9

Use fewer than 12 blocks to compose the shape.

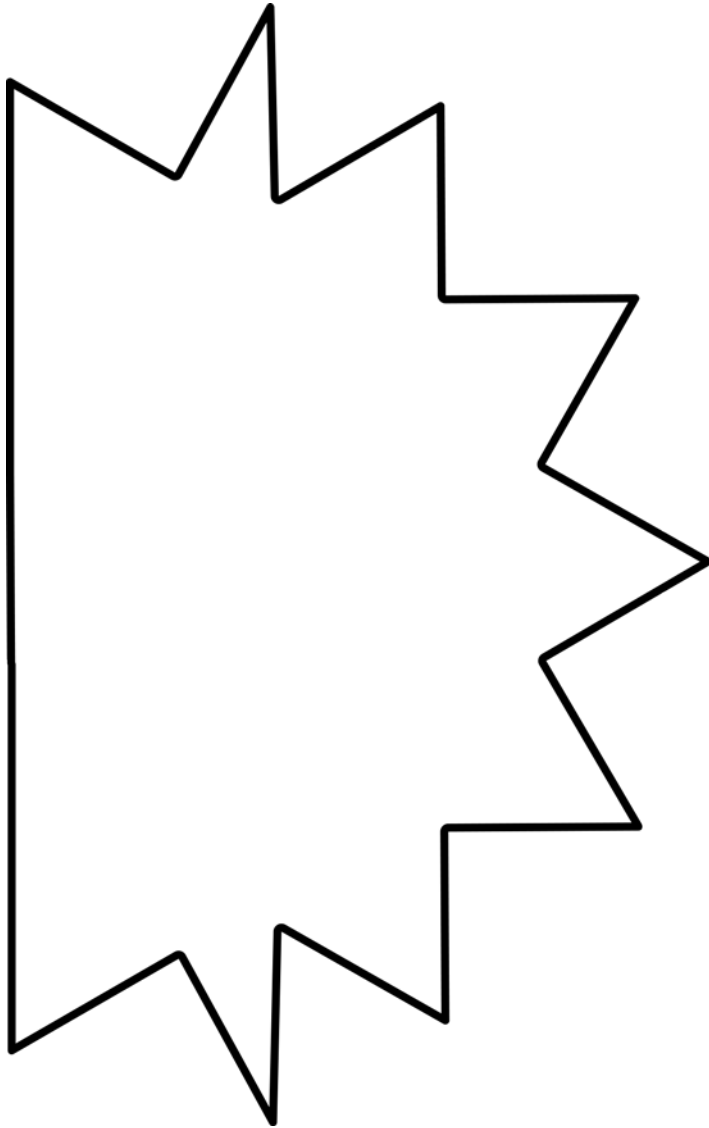


Now use a greater amount of blocks to compose the shape.

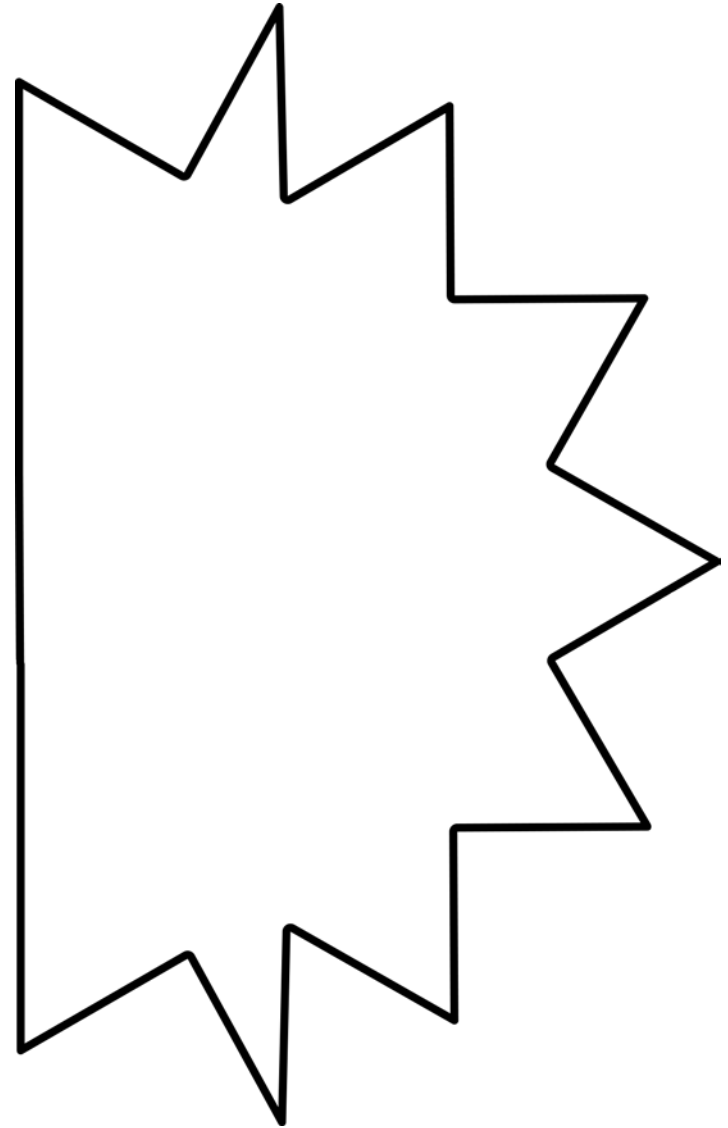


COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

Use fewer than 15 blocks to compose the shape.



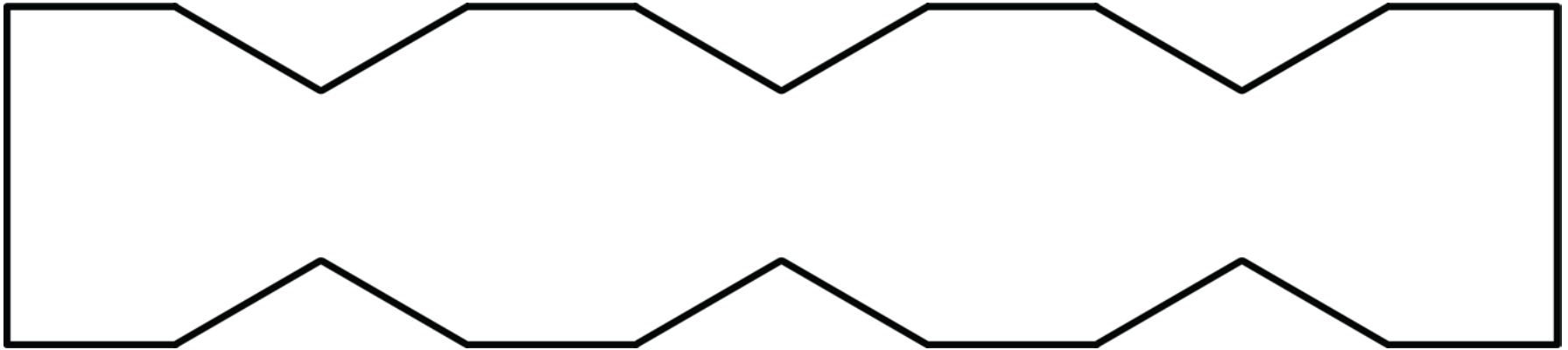
Now use a greater amount of blocks to compose the shape.



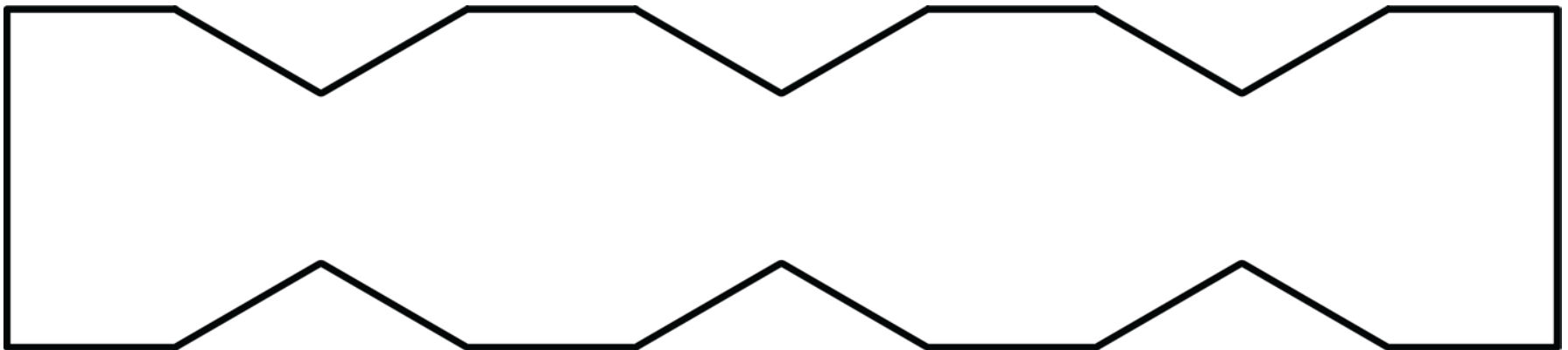
COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-11

Use fewer than 22 blocks to compose the shape.



Now use a greater amount of blocks to compose the shape.



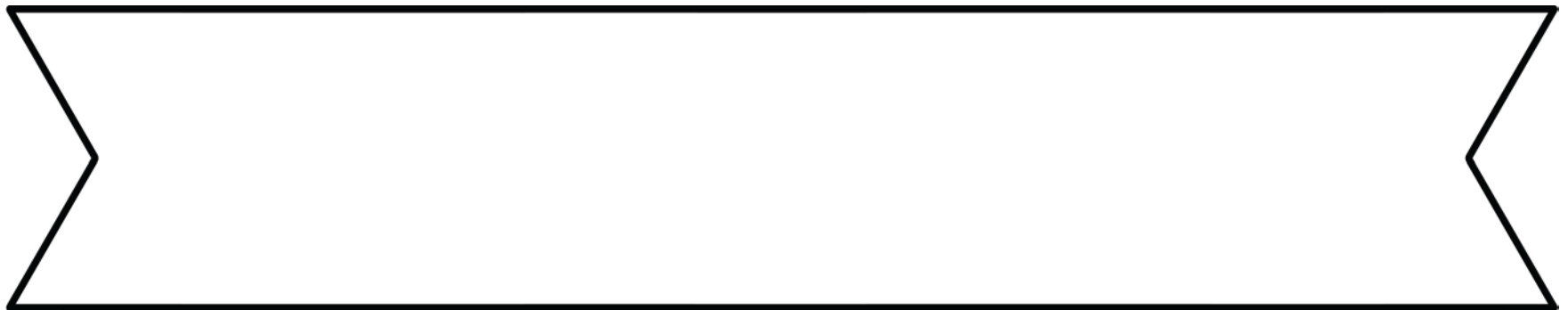
COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-12

Use fewer than 18 blocks to compose the shape.

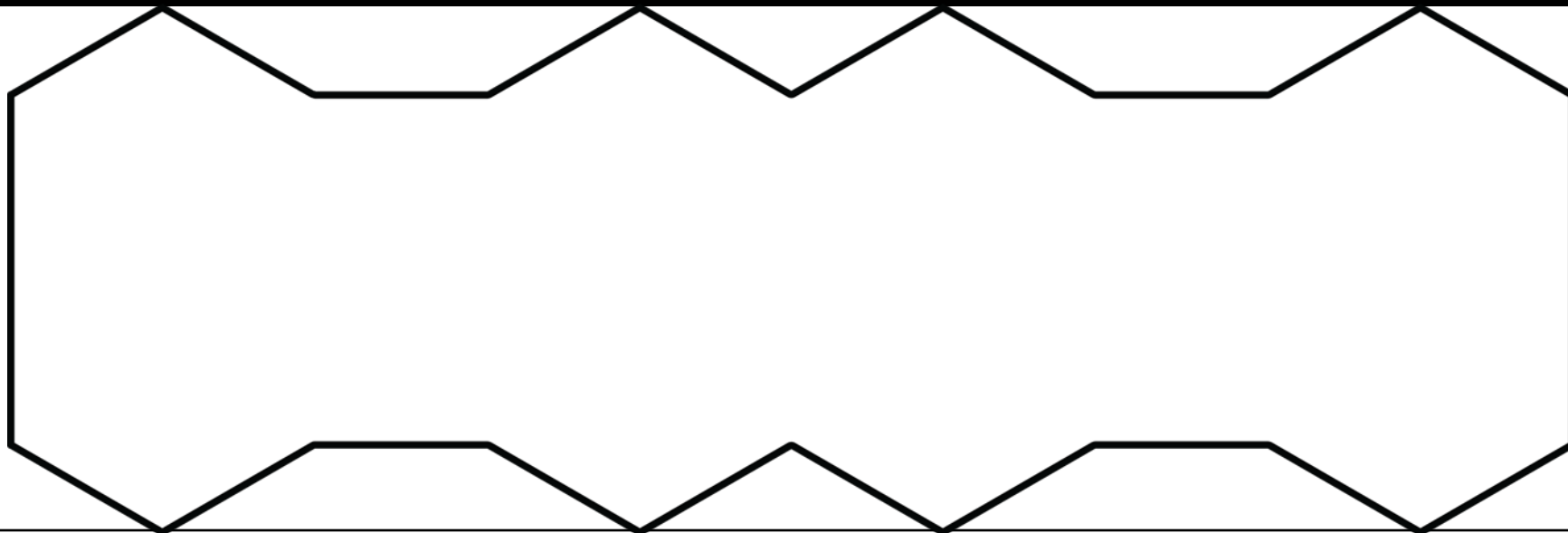


Now use a greater amount of blocks to compose the shape.

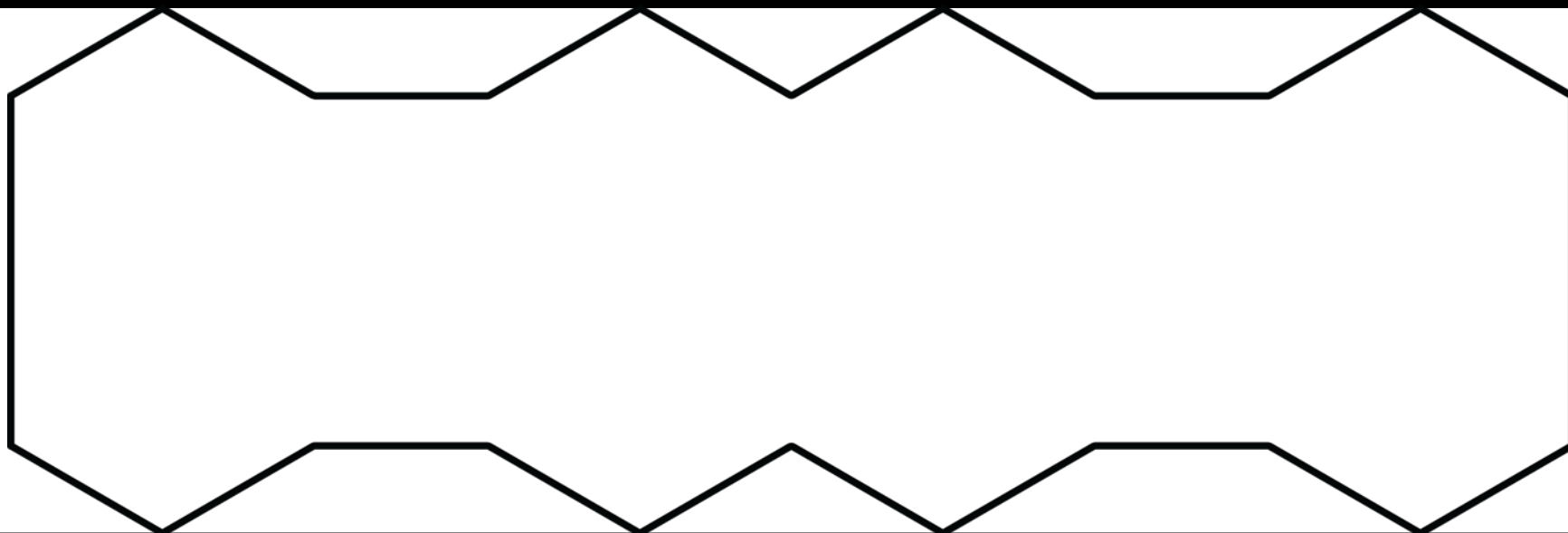


COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

Use between 18 and 21 blocks to compose the shape.



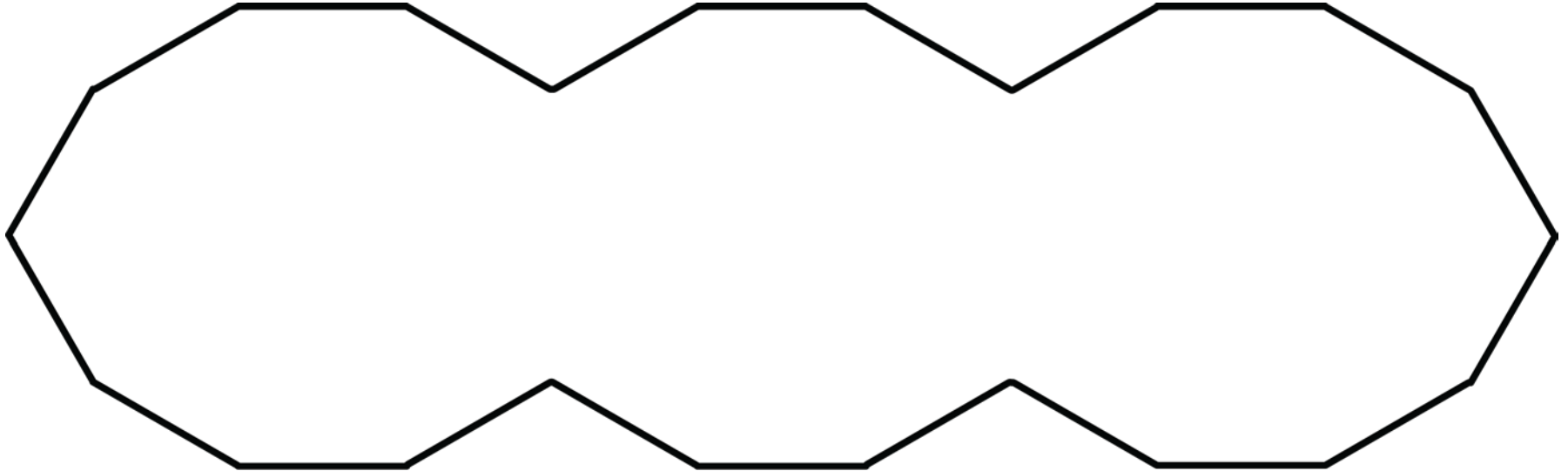
Now use a greater amount of blocks to compose the shape.



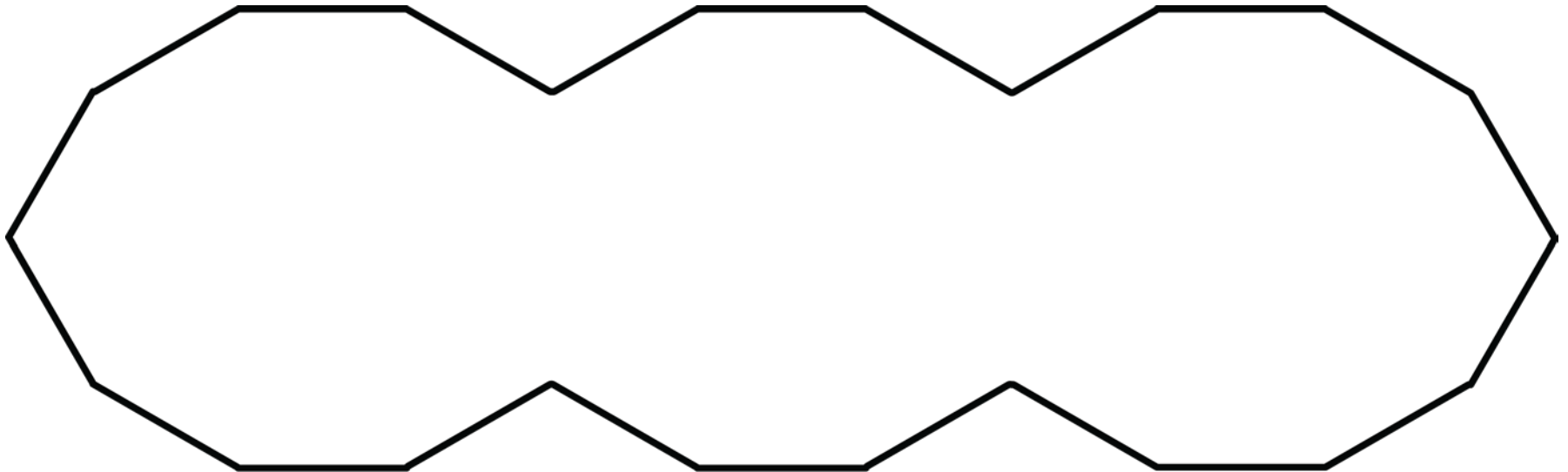
COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-14

Use between 24 and 28 blocks to compose the shape.



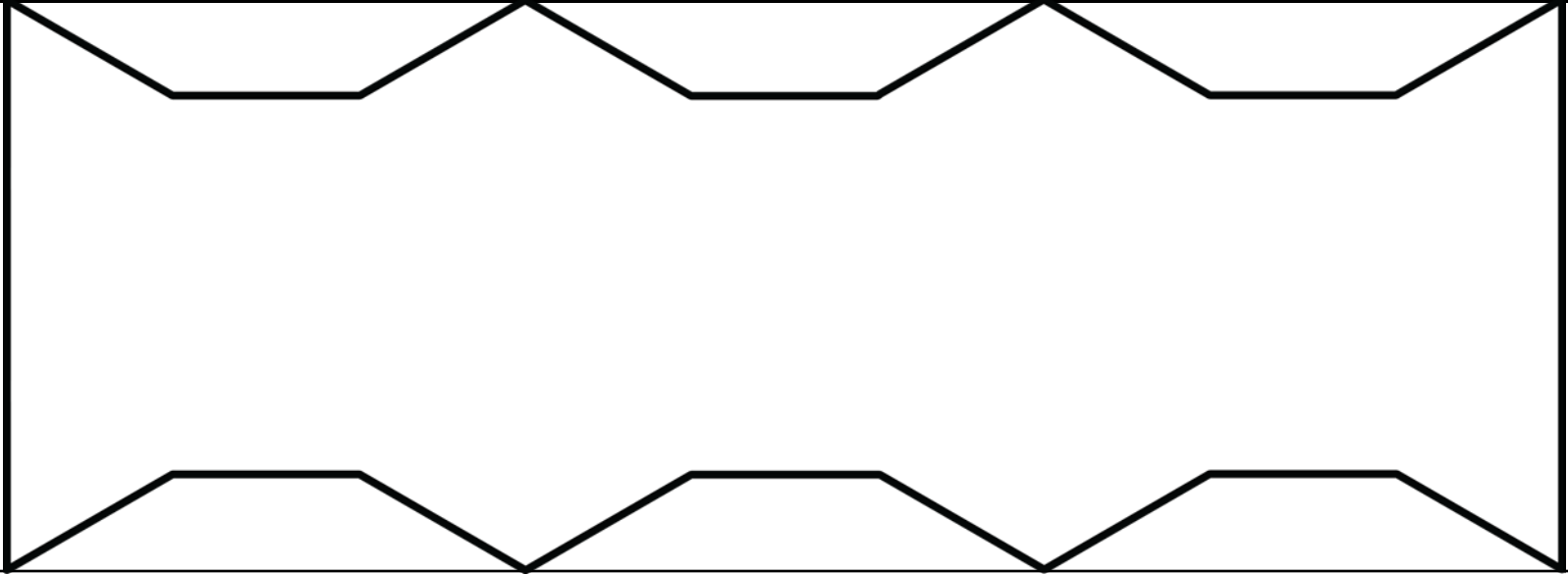
Now use a greater amount of blocks to compose the shape.



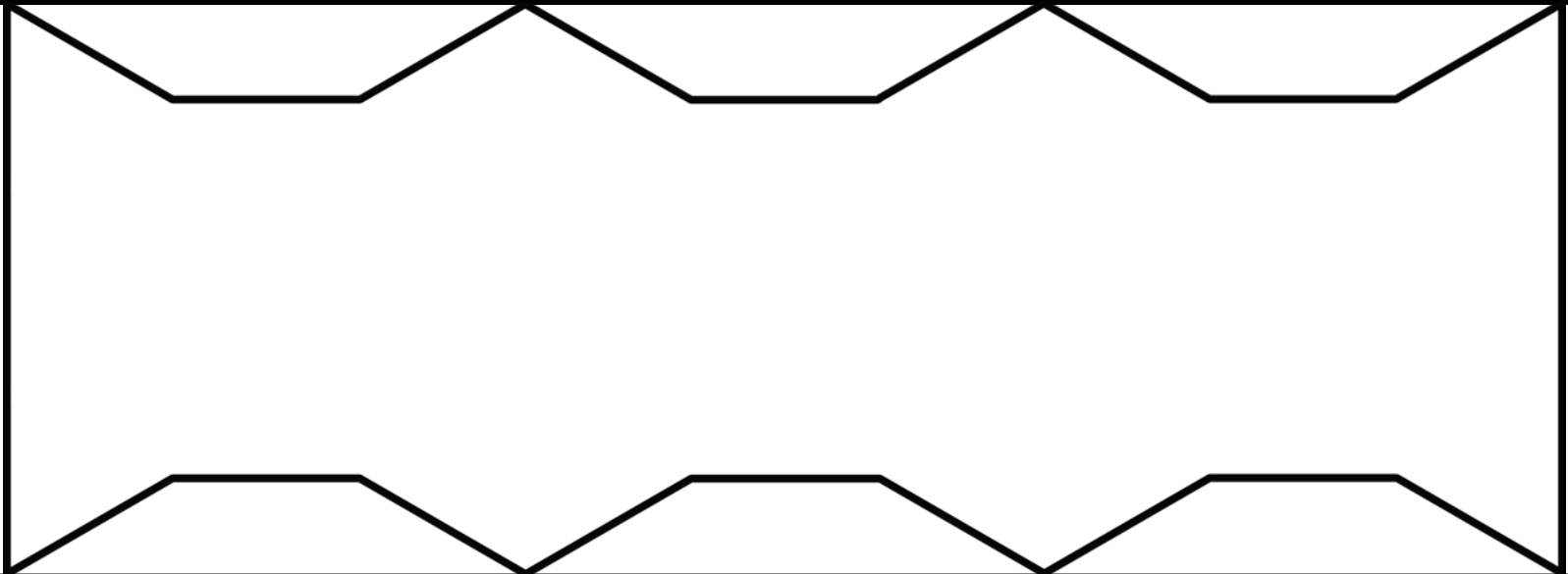
COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-15

Use between 20 and 25 blocks to compose the shape.



Now use a fewer amount of blocks to compose the shape.



COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-16

Use between 16-20 blocks to compose the shape.



Now use a fewer amount of blocks to compose the shape.



COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

Use more than 15 but fewer than 20 blocks to compose the shape.



Now use a fewer amount of blocks to compose the shape.



COMPOSE THE SHAPE IN 2 DIFFERENT WAYS!

C-18

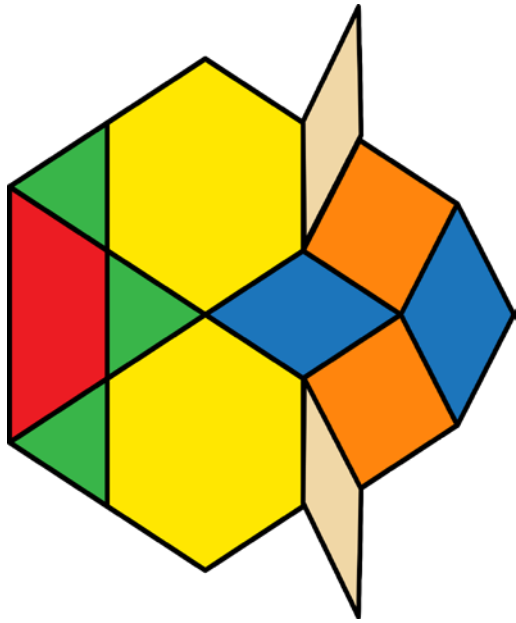
Use more than 15 but fewer than 20 blocks to compose the shape.



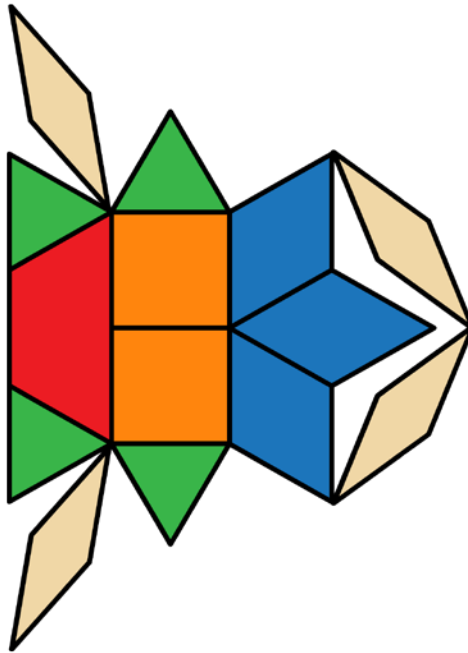
Now use a fewer amount of blocks to compose the shape.



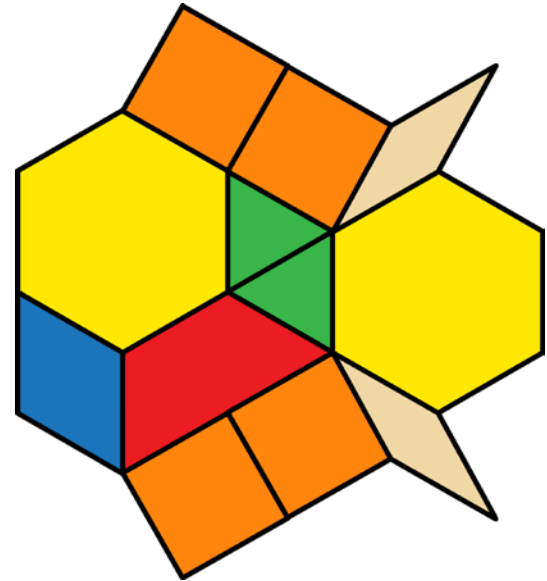
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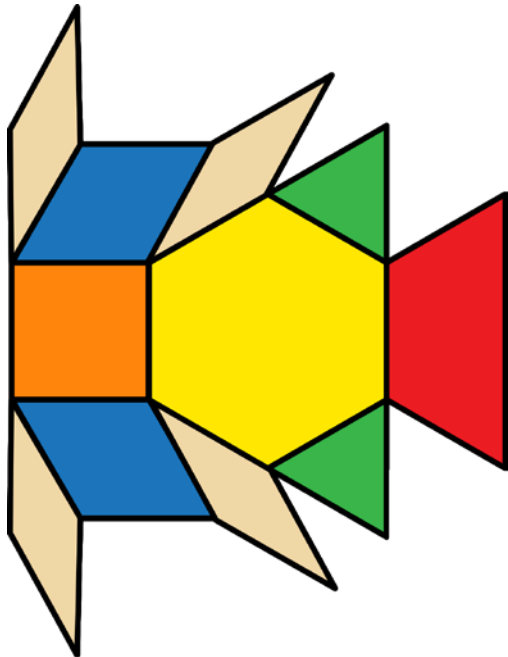
ANSWER KEY A-2



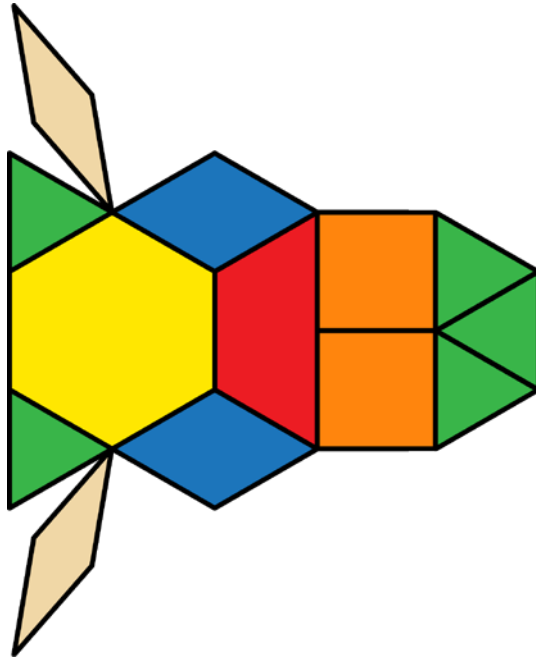
ANSWER KEY A-3



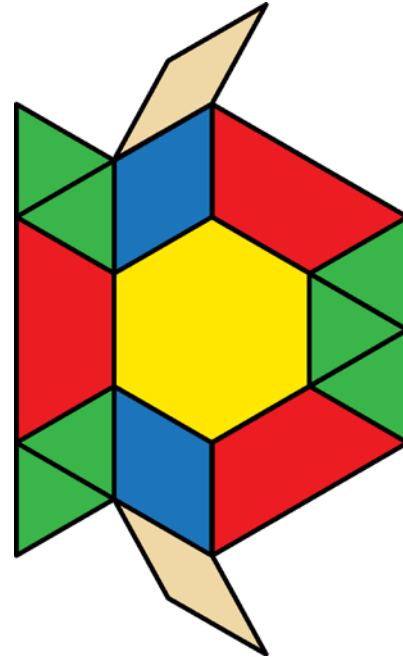
ANSWER KEY A-4



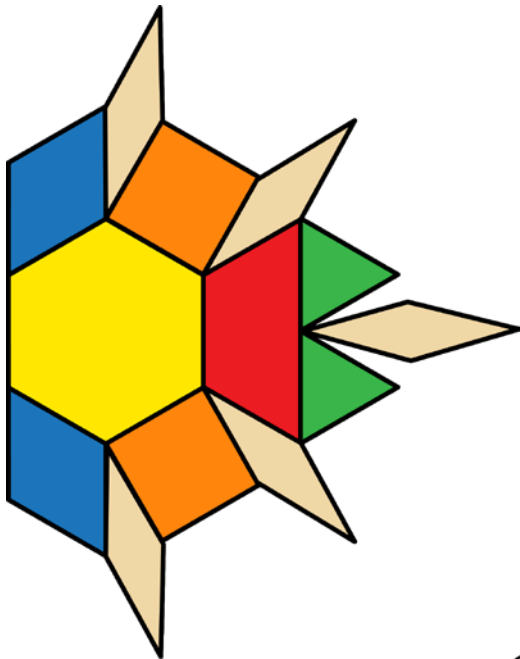
ANSWER KEY A-5



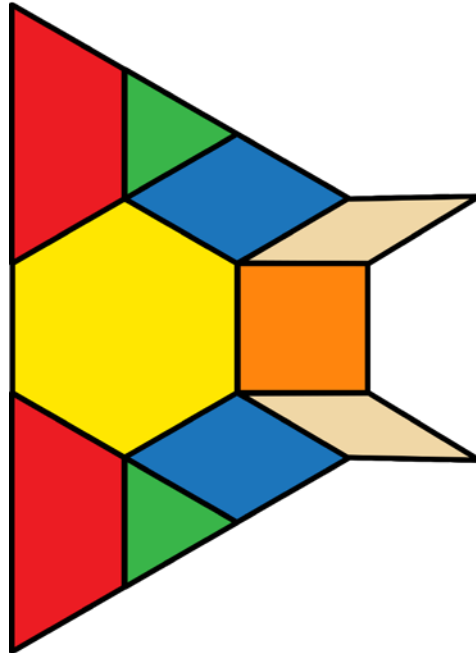
ANSWER KEY A-6



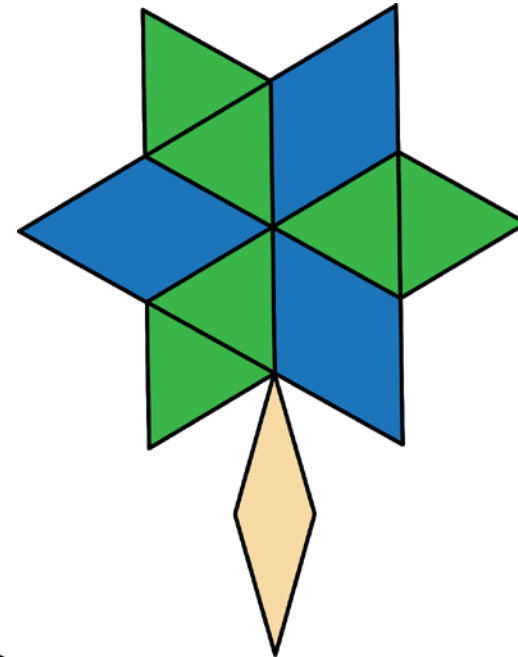
ANSWER KEY A-7



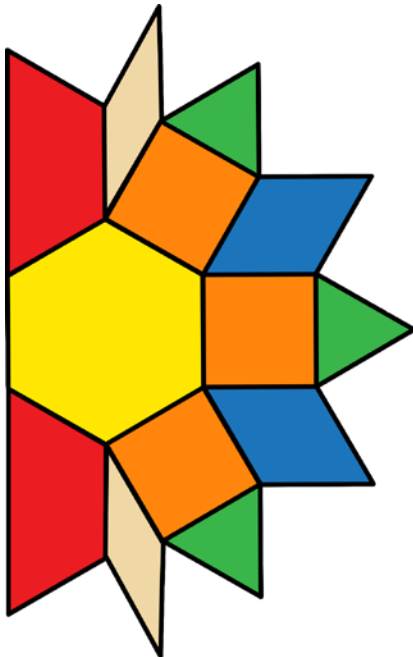
ANSWER KEY A-8



ANSWER KEY A-9



ANSWER KEY A-10



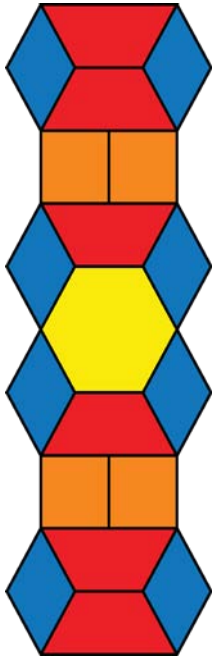
ANSWER KEY A-11



ANSWER KEY A-12



ANSWER KEY A-13



ANSWER KEY A-14



ANSWER KEY A-15



ANSWER KEY A-16



ANSWER KEY A-17



ANSWER KEY A-18



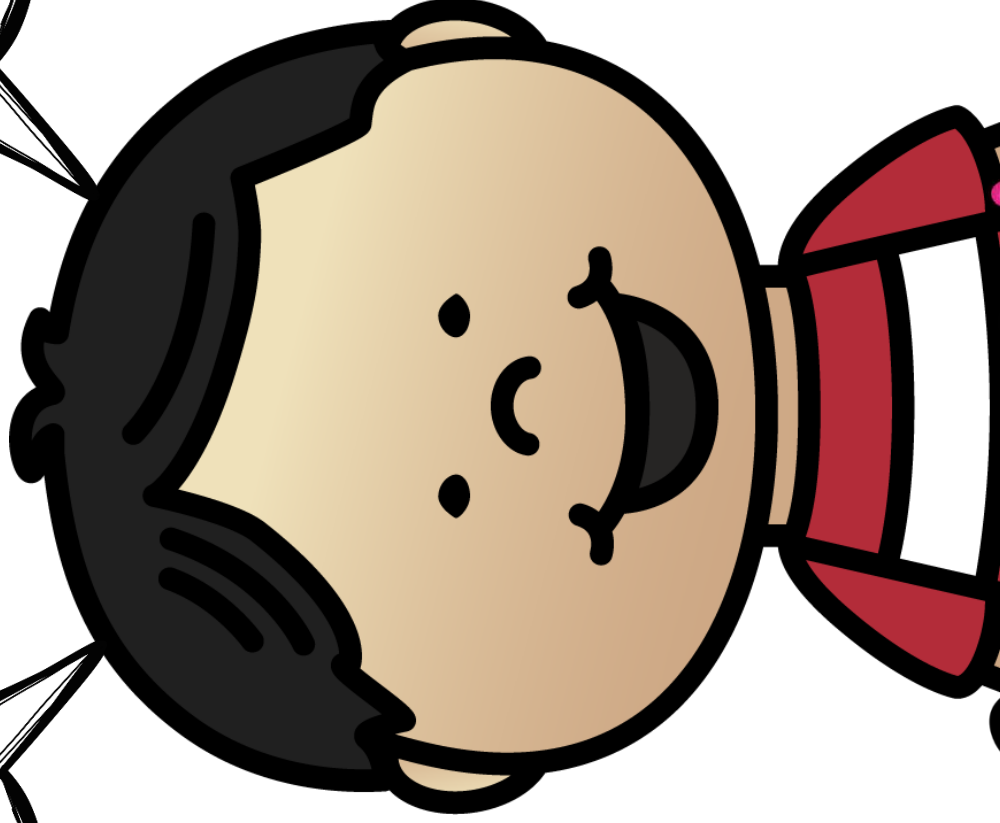
I'm a
problem
SOLVER!

I won't give
up until I'm
PROUD!

I'm not
afraid of a
CHALLENGE!

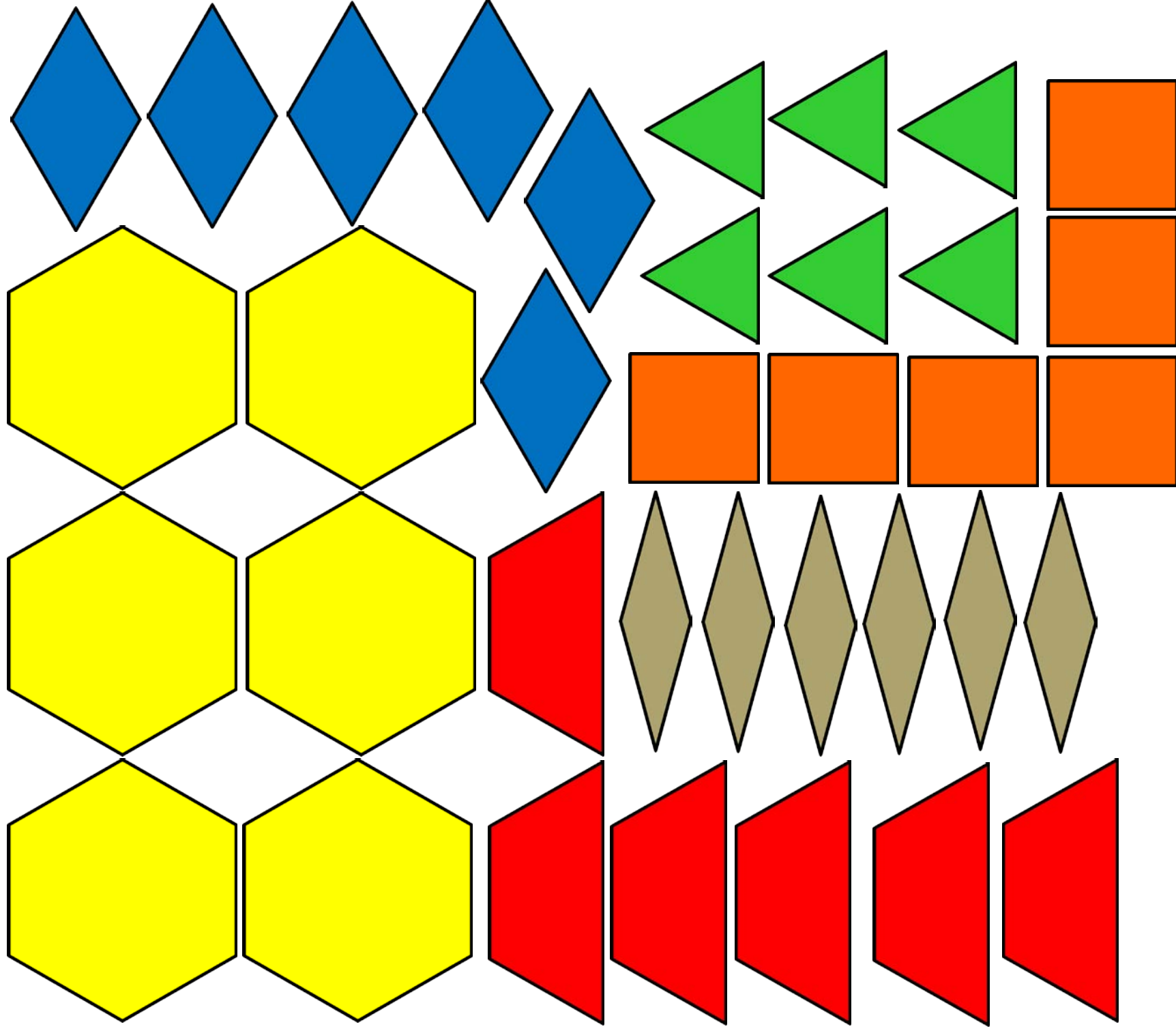
I can do
HARD
things!

Mistakes
help me
LEARN!



Persistence

If you do not have pattern block manipulatives in your classroom, you can copy these on cardstock or construction paper for student use.



CREDITS!

I used graphics and fonts from the following companies to create this resource.

