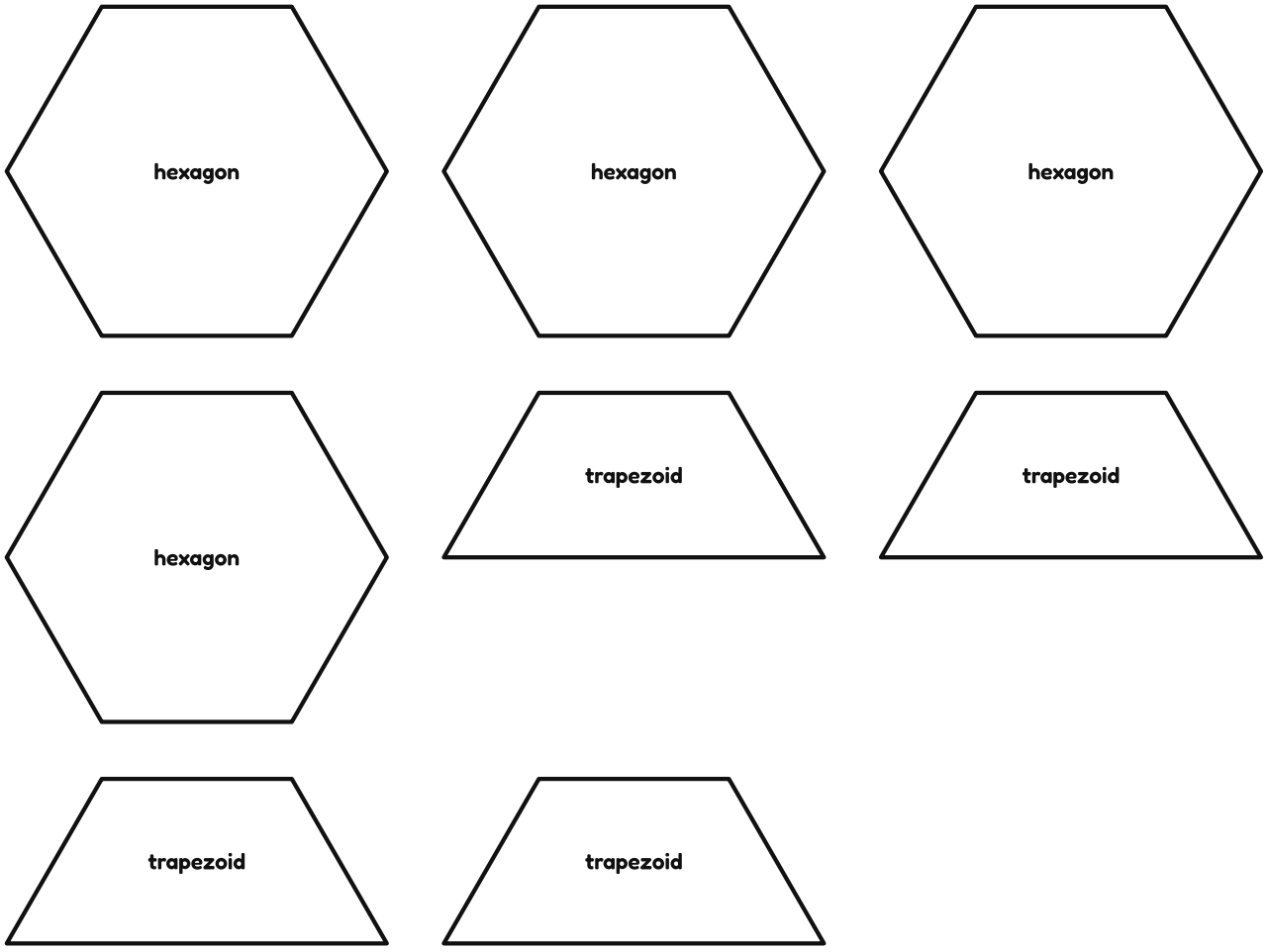
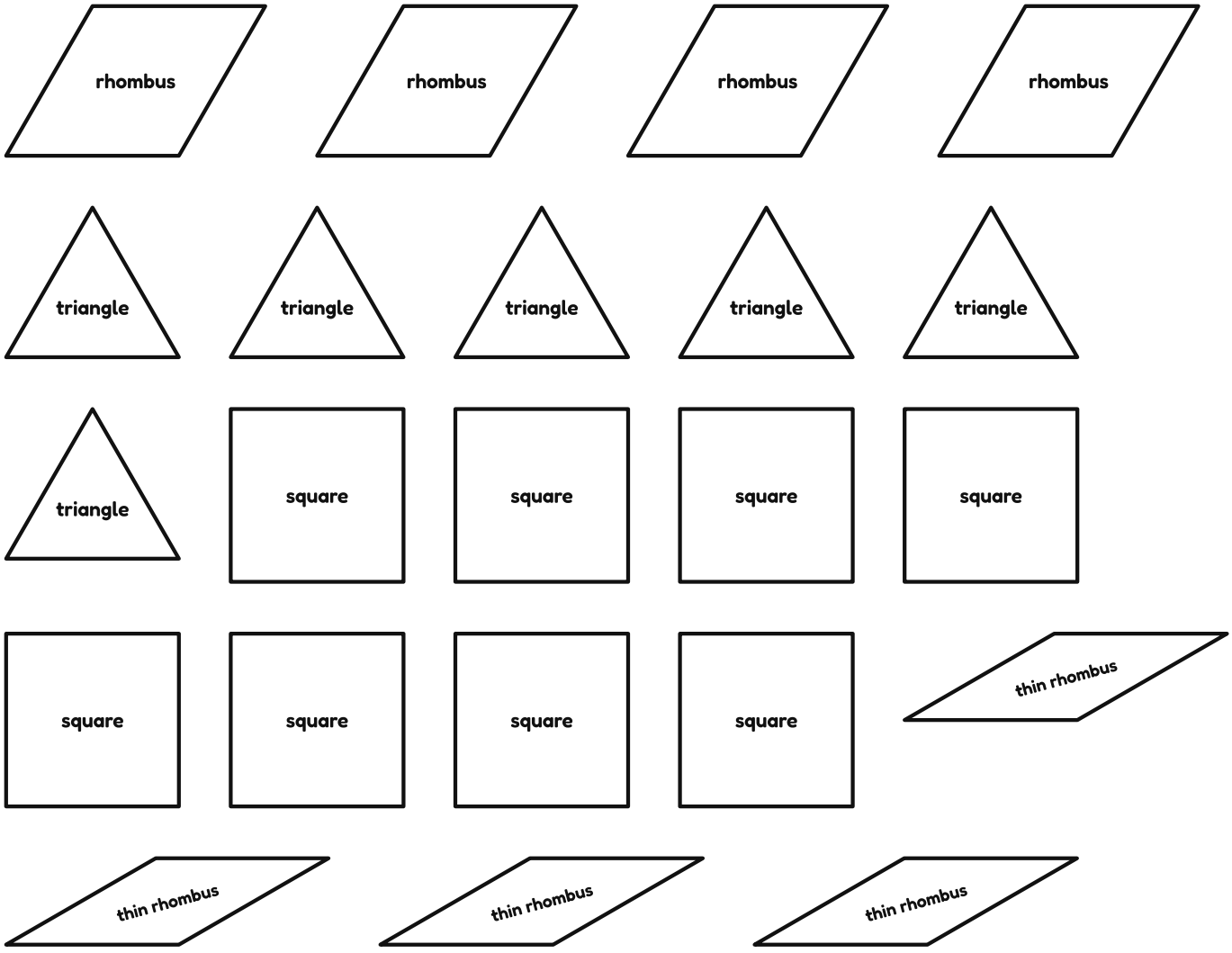
Pattern Block Mats: Paper Pattern Blocks

Print at 100% on card, so these and real blocks fit the mats. A grown-up cuts them out.



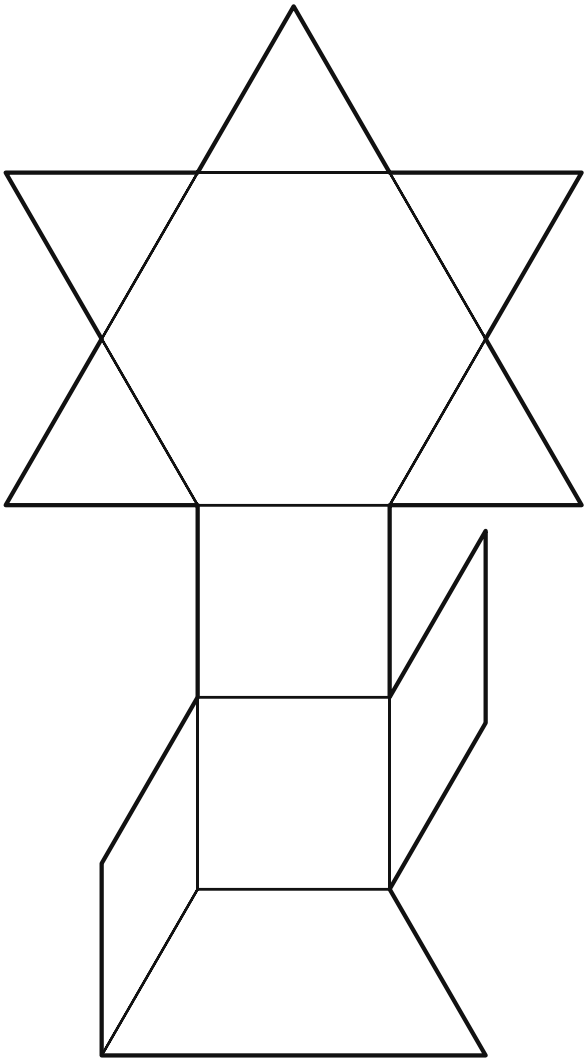
Pattern Block Mats: More Paper Pattern Blocks

Cut out these blocks too. Keep the set in an envelope.



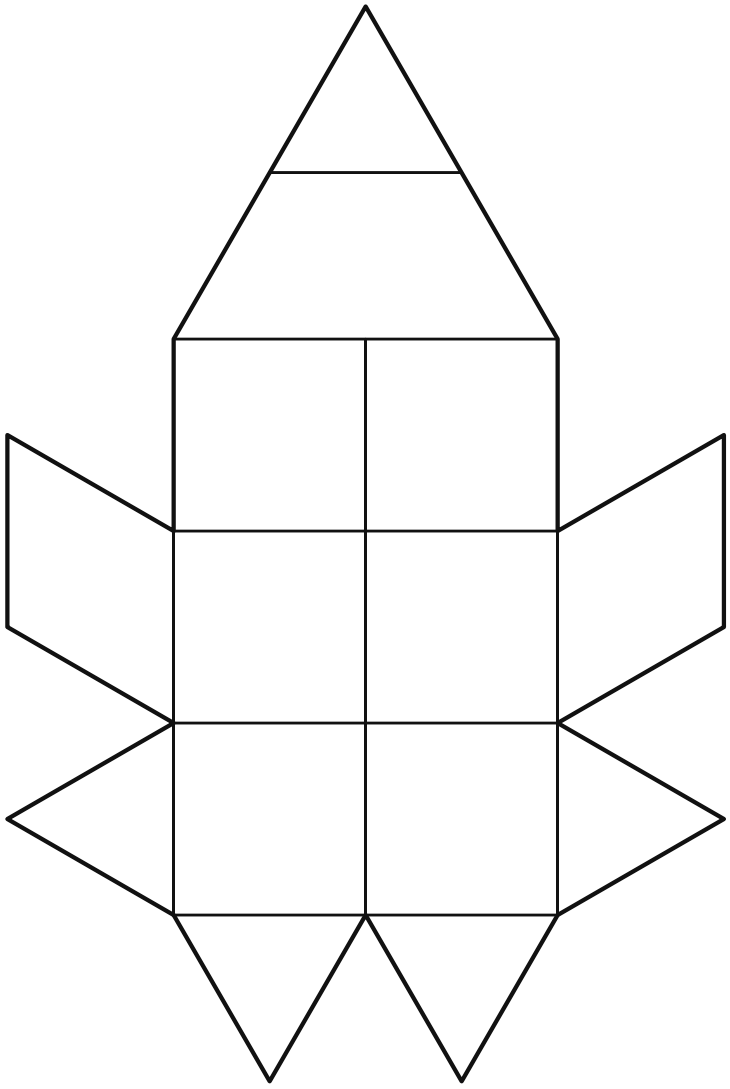
Pattern Block Mats: Every Block Drawn, Flower

Cover each shape with a pattern block of the same shape.



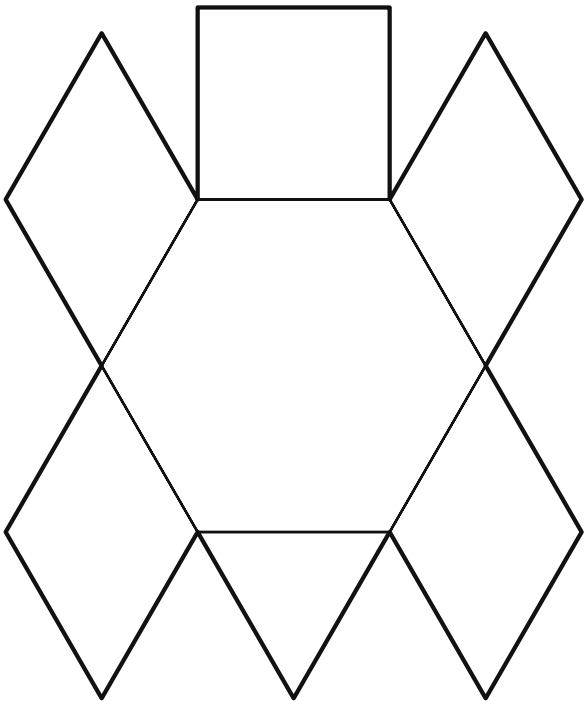
Pattern Block Mats: Every Block Drawn, Rocket

Cover each shape with a pattern block of the same shape.



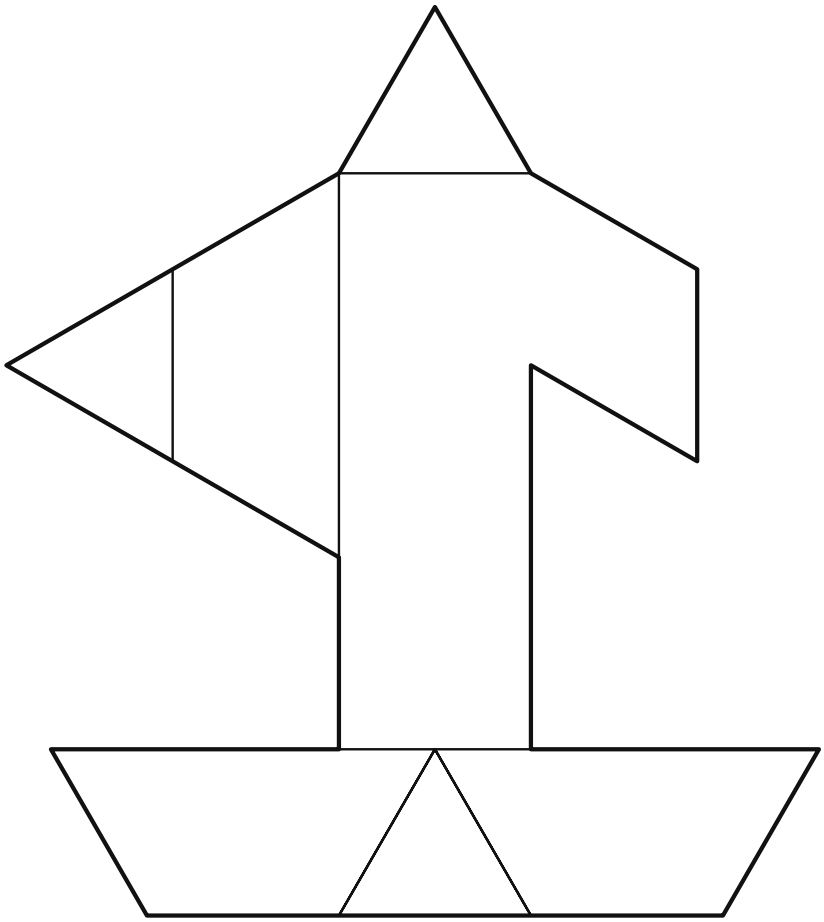
Pattern Block Mats: Every Block Drawn, Turtle

Cover each shape with a pattern block of the same shape.

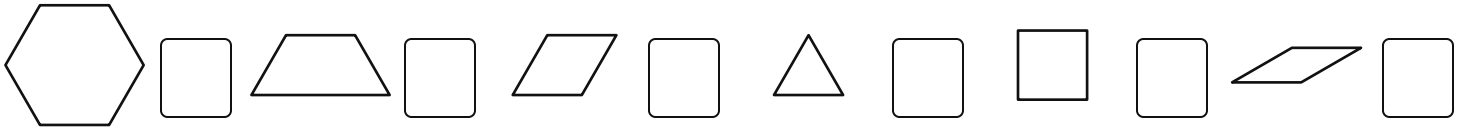


Pattern Block Mats: Some Lines, Sailboat

Some blocks are drawn. Fill the rest of the picture with blocks, then count them.



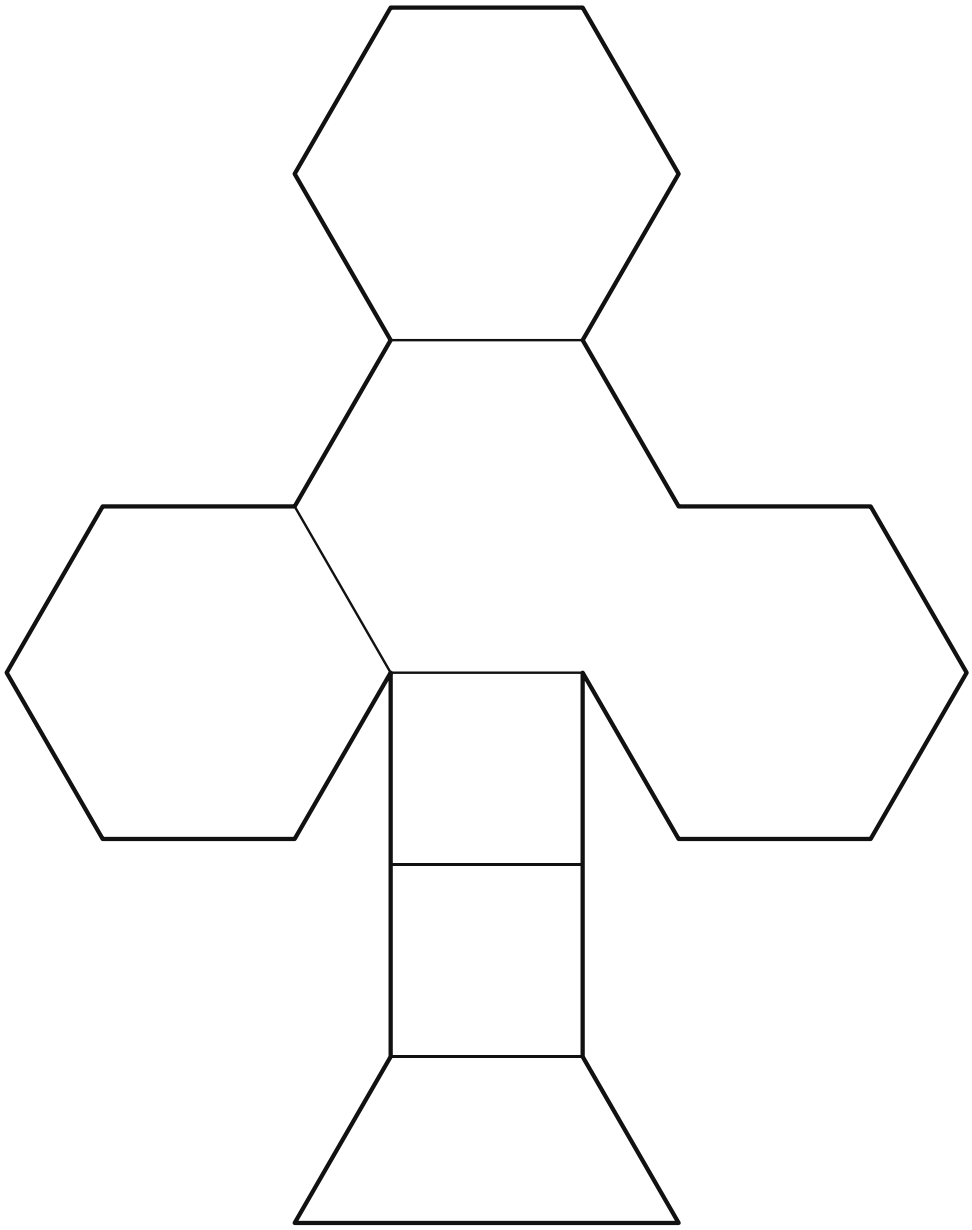
How many did you use?



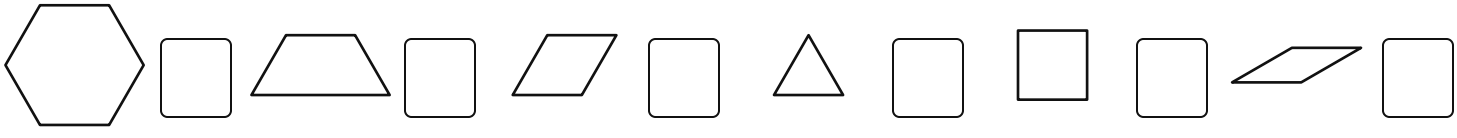
Wonster WORDS
www.wonsterwords.com/download

Pattern Block Mats: Some Lines, Tree

Some blocks are drawn. Fill the rest of the picture with blocks, then count them.



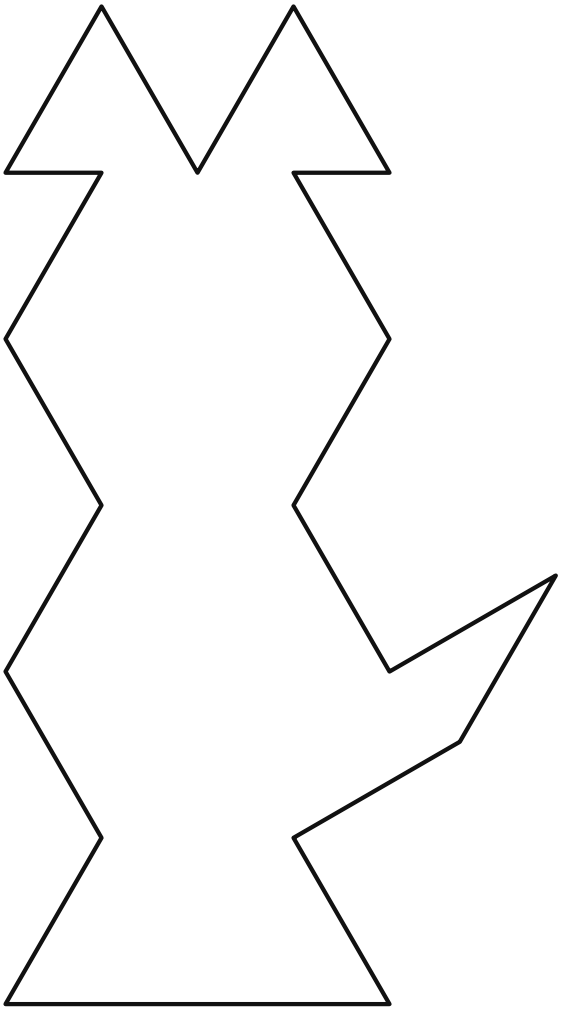
How many did you use?



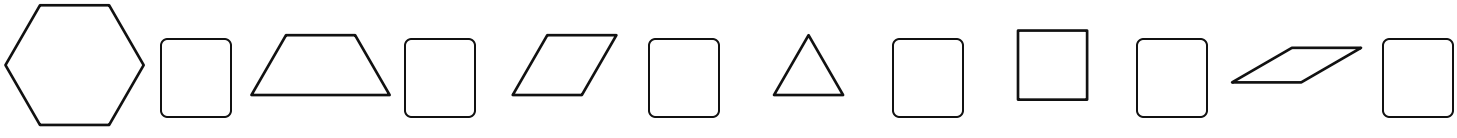
Wonster WORDS
www.wonsterwords.com/download

Pattern Block Mats: Outline Only, Cat

Fill the picture with blocks. Any blocks that fit are right. Then count them.



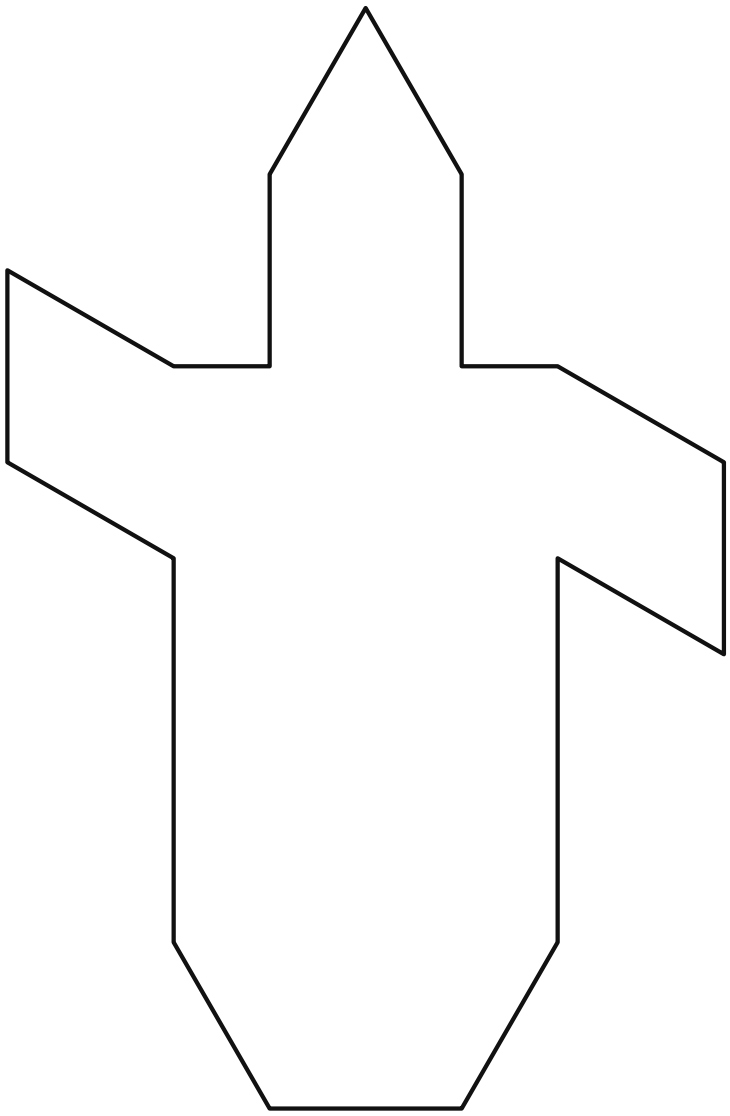
How many did you use?



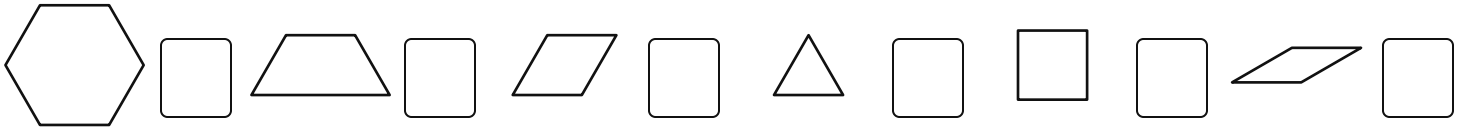
Wonster WORDS
www.wonsterwords.com/download

Pattern Block Mats: Outline Only, Robot

Fill the picture with blocks. Any blocks that fit are right. Then count them.



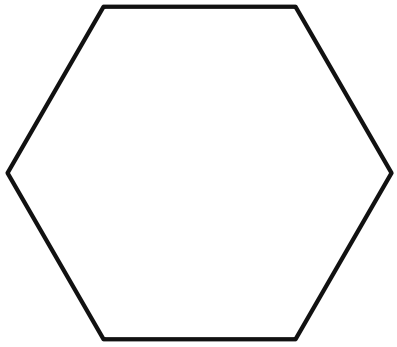
How many did you use?

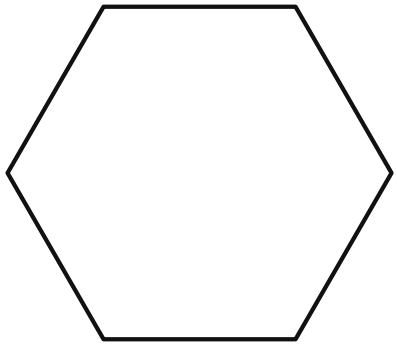


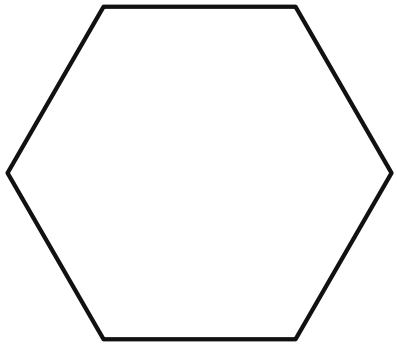
Wonster WORDS
www.wonsterwords.com/download

Pattern Block Mats: Make This Hexagon 3 Ways

Fill each hexagon a different way. Use any blocks except the hexagon.



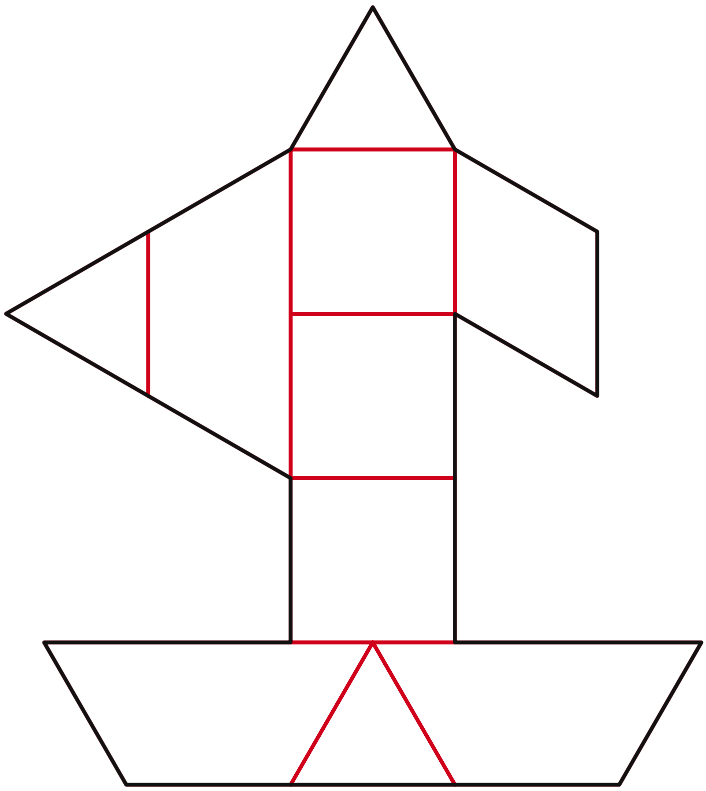




Pattern Block Mats: One Way to Make It, Some Lines

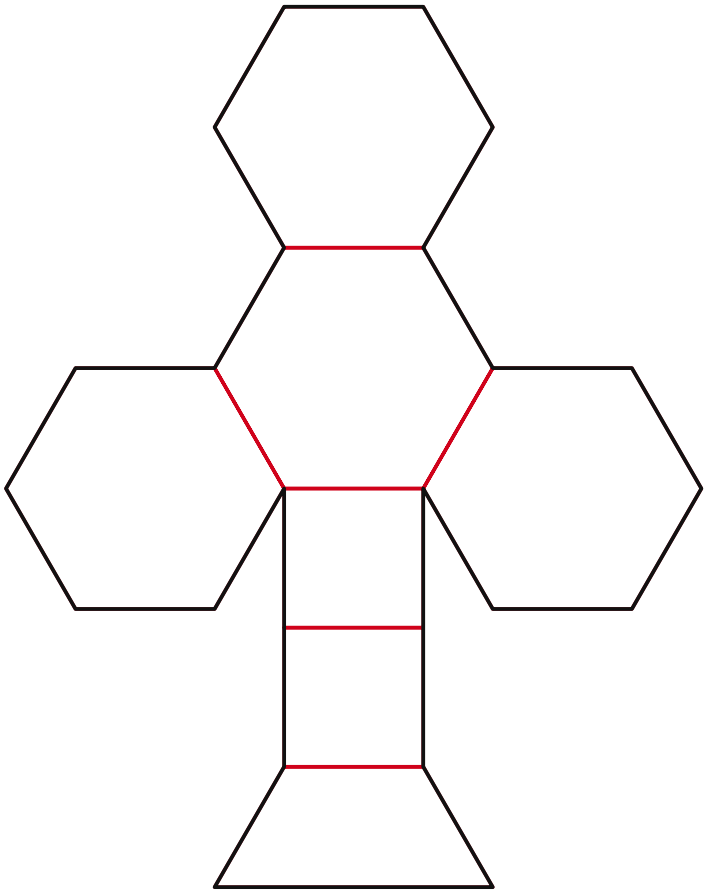
For the grown-up. The red lines show one way, with the blocks it uses. Other ways are right too.

sailboat



3 trapezoids, 1 rhombus, 3 triangles, 3 squares

tree

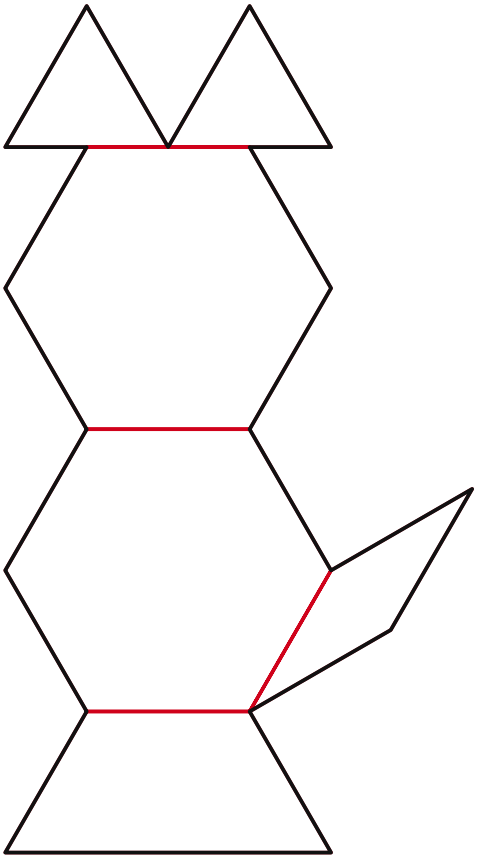


4 hexagons, 1 trapezoid, 2 squares

Pattern Block Mats: One Way to Make It, Outline Only

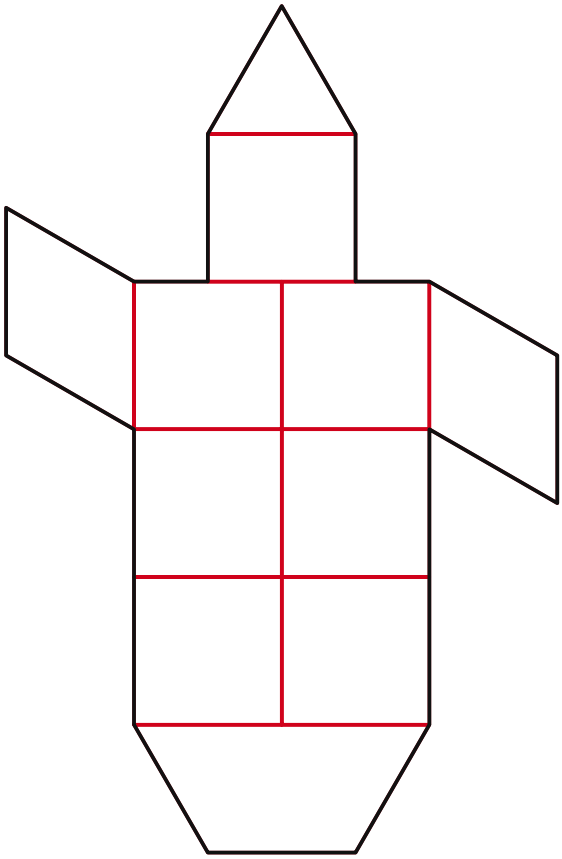
For the grown-up. One way for each picture, and three ways to make the hexagon.

cat



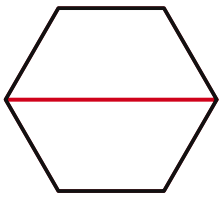
2 hexagons, 1 trapezoid, 2 triangles, 1 thin rhombus

robot

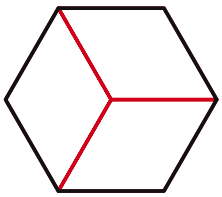


1 trapezoid, 2 rhombuses, 1 triangle, 7 squares

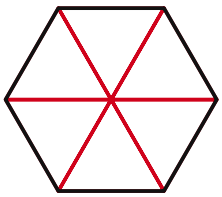
make this hexagon 3 ways



2 trapezoids



3 rhombuses



6 triangles

For Grown-Ups: How to Use These Mats

Real pattern blocks or the paper ones on the first two pages. From about 3 years old.

Why use it

Pattern blocks are six shapes whose sides match, so they fit together almost any way. Covering a picture, then filling an outline, is the start of joining shapes to make shapes (Common Core K.G.B.6), and Texas first graders make a shape in more than one way (TEKS 1.6(F)), which is the hexagon page.

What it is good for

- Matching a block to a drawn shape, turning it to fit.
- Filling an outline with no lines, in your own way.
- Counting the blocks you used, and trying again with fewer or more.

How to use it

1. Print at 100%, so real blocks fit: the mats are drawn at the size of standard blocks, with 1-inch sides.
2. No blocks? Print the first two pages on card, and a grown-up cuts them out.
3. Start with the mats where every block is drawn. Cover each shape.
4. On the mats with some lines or none, fill the picture, then count each block in the strip.
5. On the hexagon page, make the hexagon three different ways.

> **Try saying:** “Can you fill it with fewer blocks? Which blocks could take the place of a hexagon?”

Tip: There is more than one right way to fill an outline. The answer pages show one way and the blocks it uses.