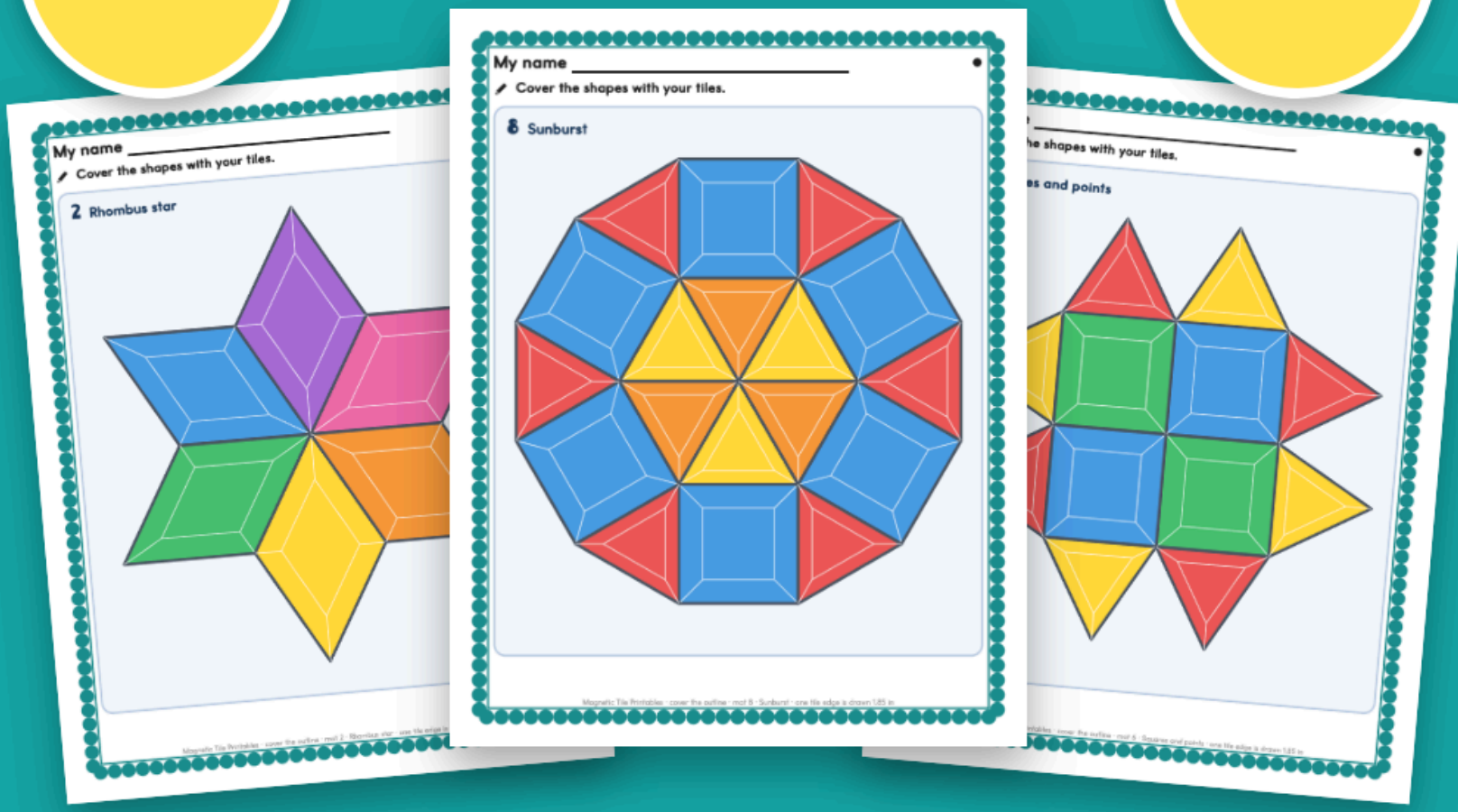
MAGNETIC TILE PRINTABLES

Build the Picture Mats

PREK-1

NO PREP



Bright Path Sped

Preview · Bright Path Sped

Terms of Use

Please read before you print your first page.

One classroom license

- This file is for one classroom: one teacher, one group of students.
- Please do not share it, post it online, or sell it.
- Extra licenses for a team or a school are available on the product page.

This is a PDF with a few type-in pages

- Open it in a PDF reader (Adobe Acrobat Reader, Preview, or your browser), click into a box, type, and Save As.
- The tile count sheet (page 27), the data sheet (page 30) and the note home (page 33) are type-in. The mats, cards and puzzles are print pages, and you can print any page and write by hand.
- It works offline. No account, no subscription, no internet connection needed after you download it.

Print at 100 percent

Turn off fit to page and shrink to fit so the printed tiles keep their size. The mats and cards are printed in color, and every card has an ink-saver copy.

How the file is organized

- Cover-the-outline mats come first, then the picture cards in color and in ink saver.
- Make-your-own grids, which-tile-fits puzzles and count pages follow.
- Student sheets, the teacher data sheet and the answer keys are at the back.

Need help?

If a field will not behave or a page will not print the way you expect, use Ask a Question on the product page before leaving a review. Every question is read, and a fix to the file ships as an update.

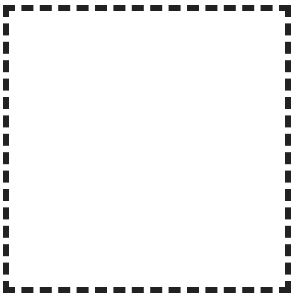
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PREVIEW

Preview · Bright Path Shed

Set-Up and Tile Check

Size check



This square is 1.5 inches on a side. Hold one of your square tiles on it to see how your tiles compare.

The mats are drawn bigger than that (1.75 to 2.3 inches for one tile edge, printed at 100 percent) so a child can see every outline; a tile sits inside its outline. The footer of each mat says its edge. The picture cards are smaller, to build beside the card.

The shapes used

- **Square** and **equilateral triangle**: all sides the same length.
- **Rhombus**: four equal sides, two sharp corners and two wide ones. No rhombus tile? Two triangle tiles cover it.
- **Rectangle**: two squares long. No rectangle tile? Two squares cover it.
- **Hexagon**: six triangles around one point (the center of the hexagon card and the sunburst mat).

The most any one mat uses

Shape	Tiles
triangles	16
squares	6
rhombi	6
rectangles	5

Counted from the 8 mats. Cards use fewer (3 to 6 tiles each).

Three ways to build (the small shape in the corner is the code)

- ● **Cover it**: the child lays a tile on every outlined shape. Mats go from 5 tiles to 18.
- ■ **Copy it**: the child looks at a card and builds the same picture beside it. Laminate a card page for a center.
- ▲ **Make your own**: build on the grid, draw it, count it.

Say it out loud

- "I used ___ triangles." "I used ___ squares." "I used ___ tiles in all."
- "This shape has ___ sides." "My picture looks like ___."

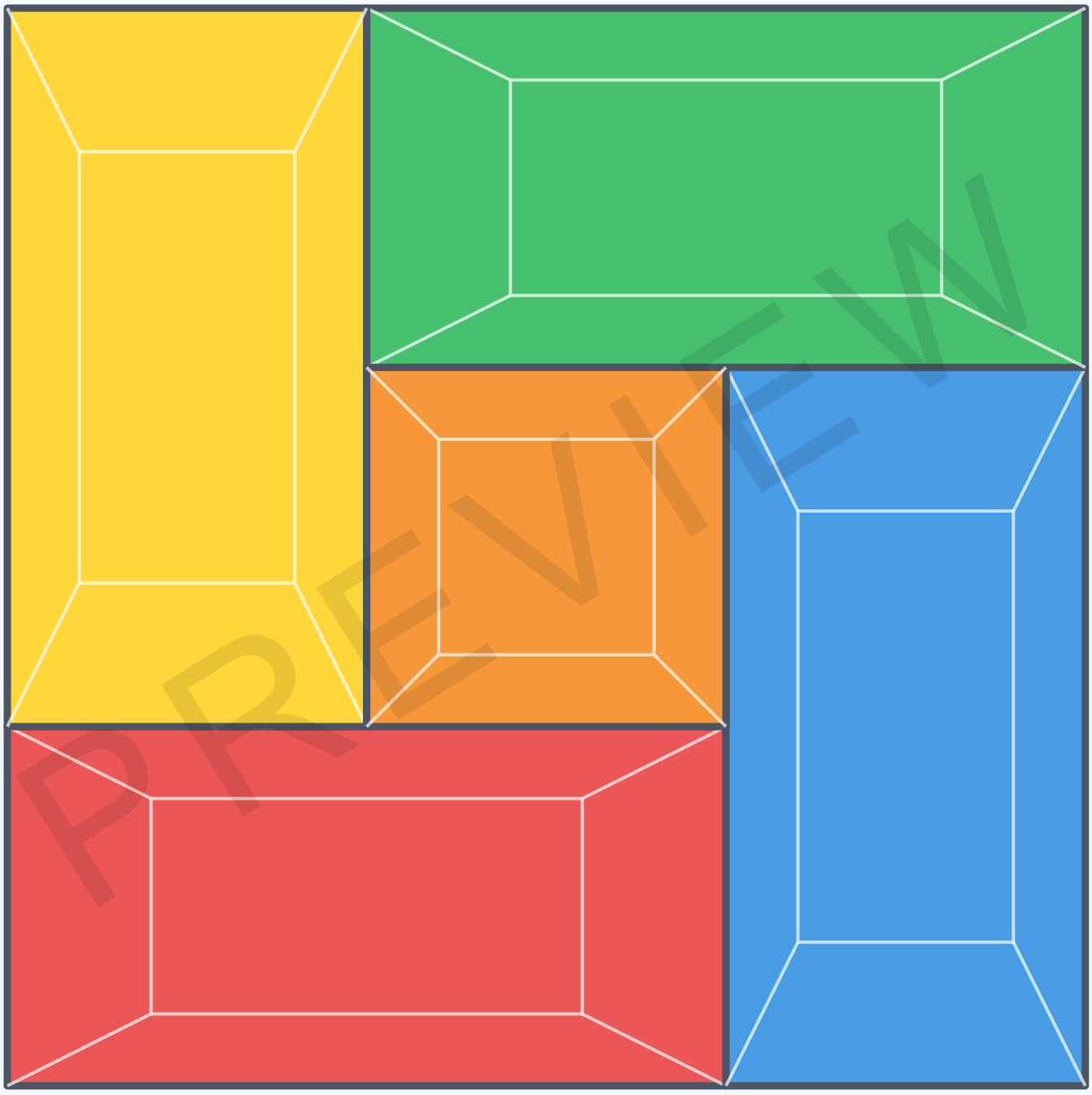
PREVIEW

Preview - Bright Path Shed

My name _____

Cover the shapes with your tiles.

1 Big square



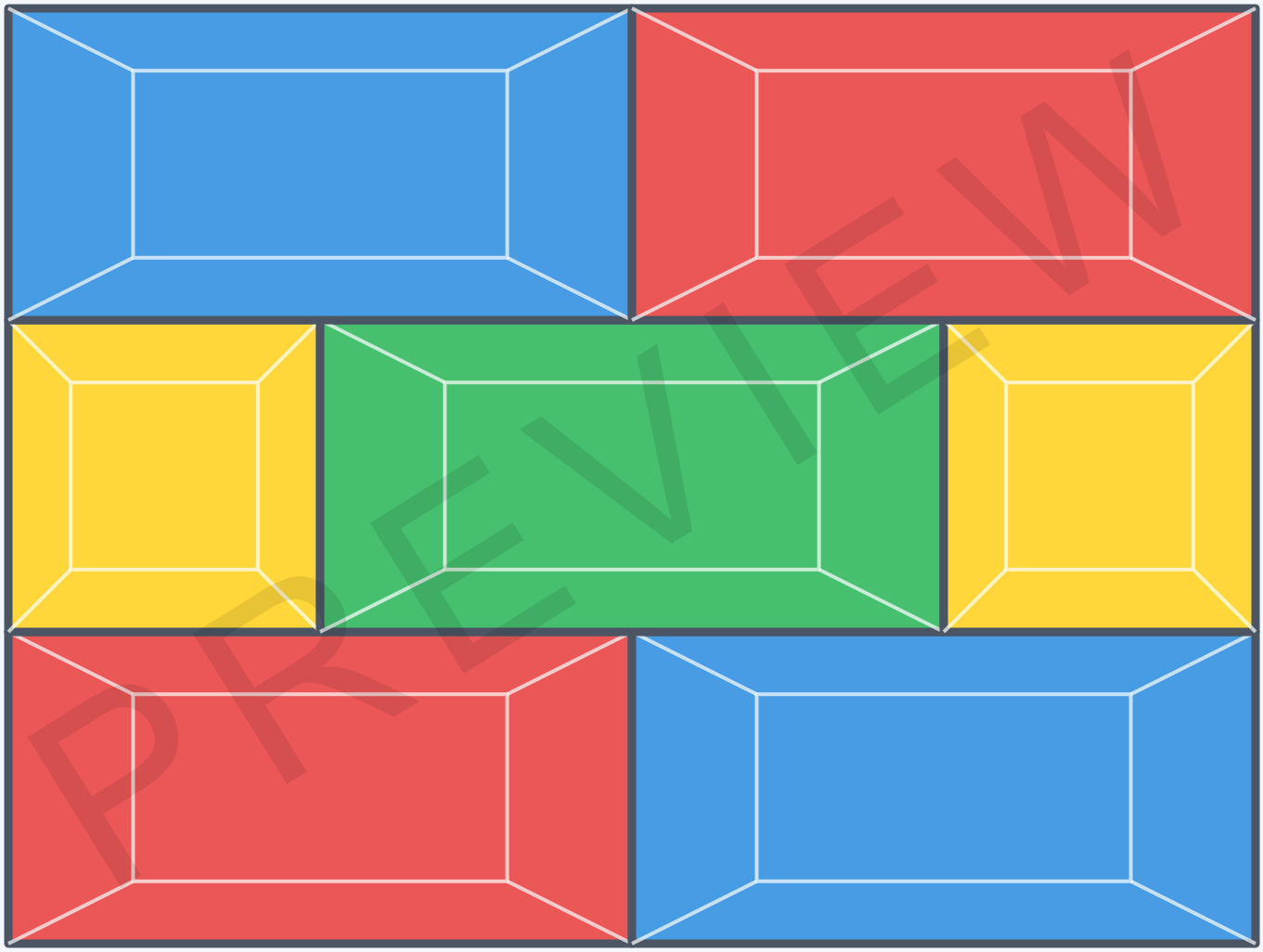
PREVIEW

Preview - Bright Path Shed

My name _____

Cover the shapes with your tiles.

3 Rectangle wall



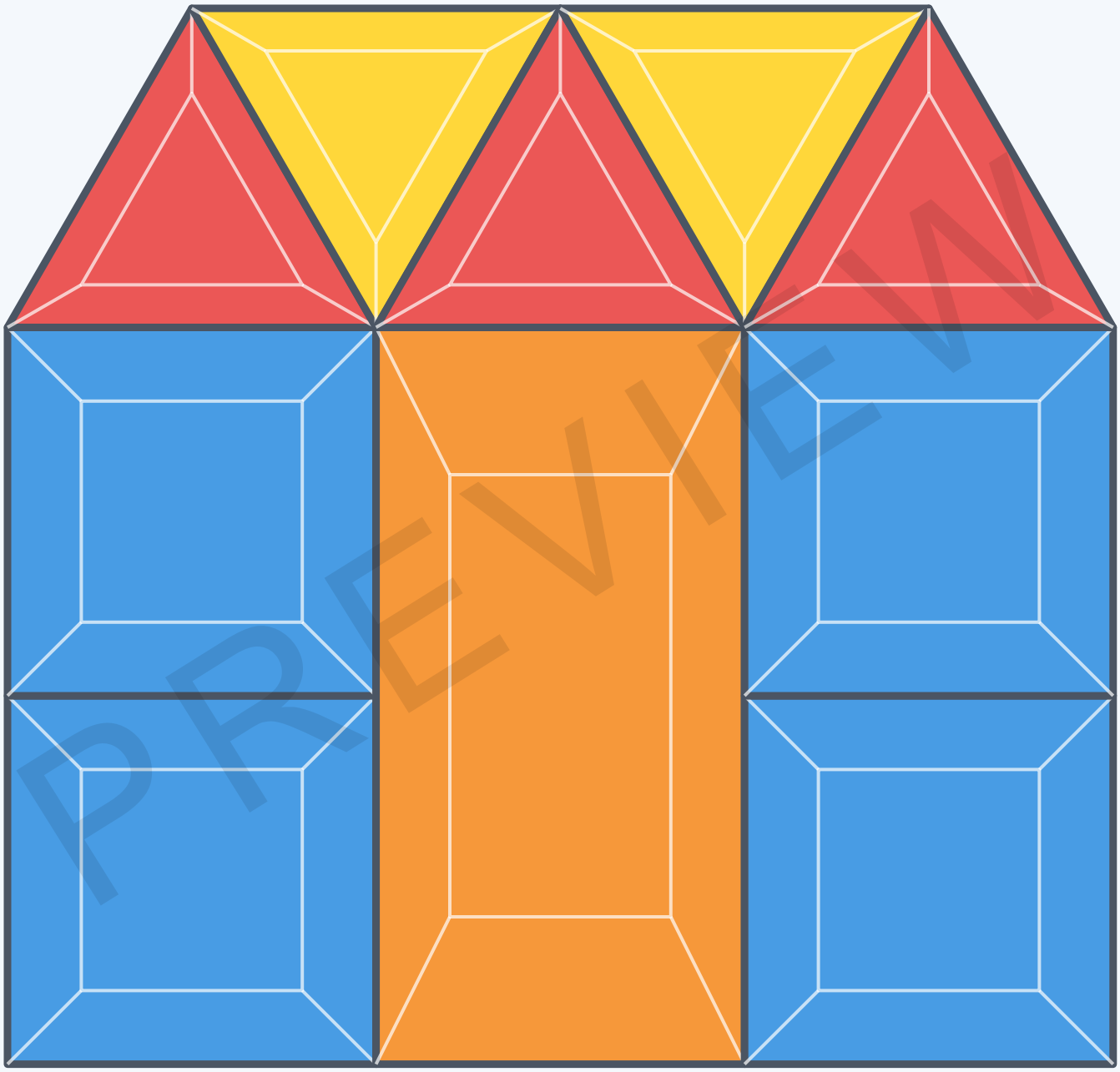
PREVIEW

Preview - Bright Path Shed

My name _____

Cover the shapes with your tiles.

5 Triangle roof



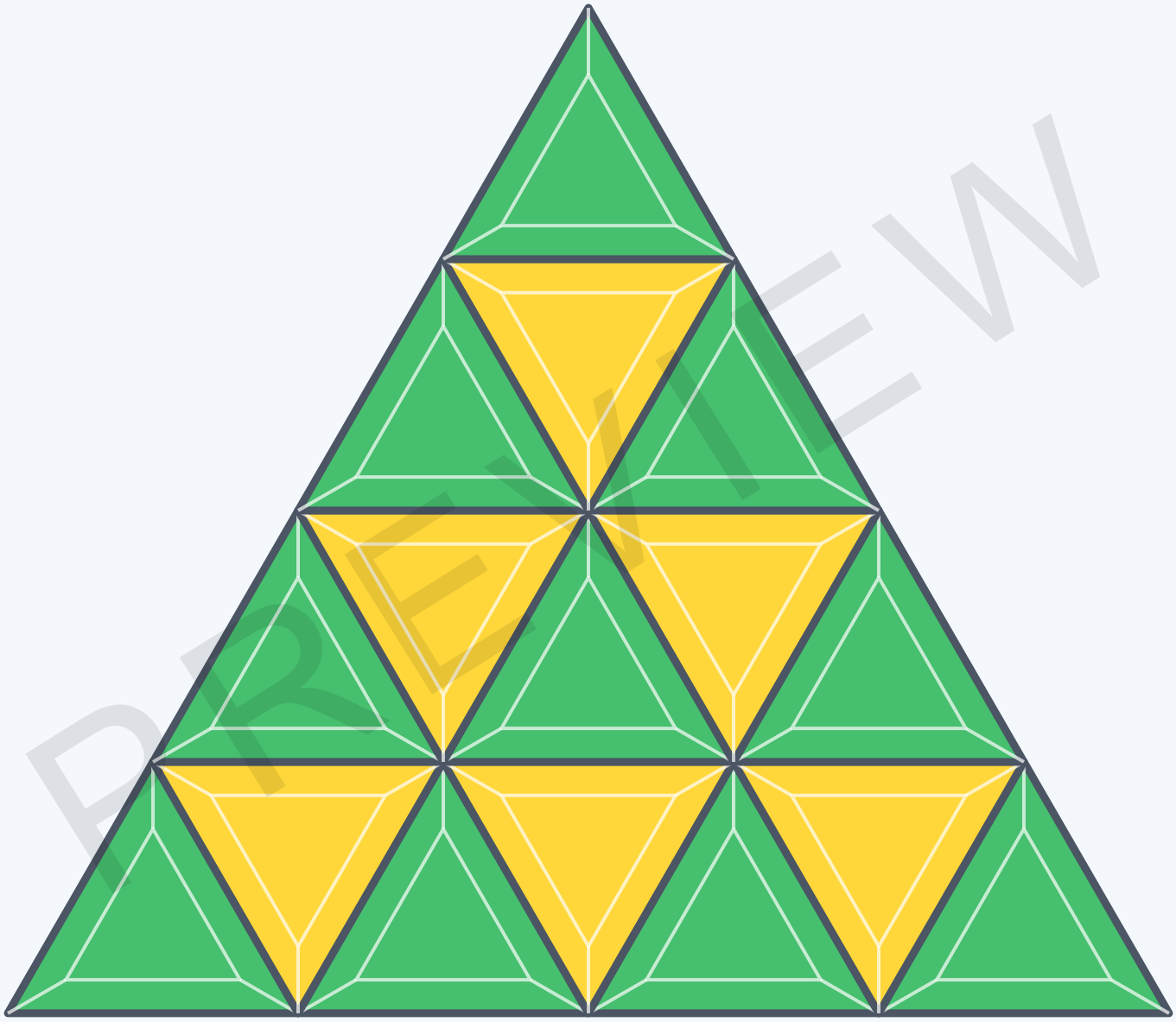
PREVIEW

Preview - Bright Path Shed

My name _____

Cover the shapes with your tiles.

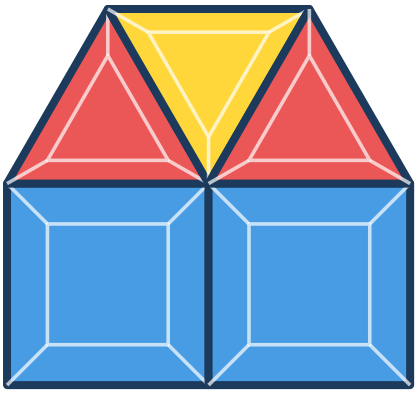
7 Big triangle



PREVIEW

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1



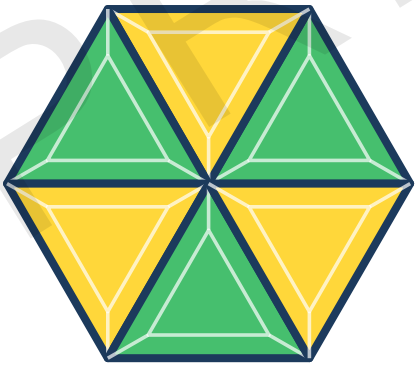
Small roof

2



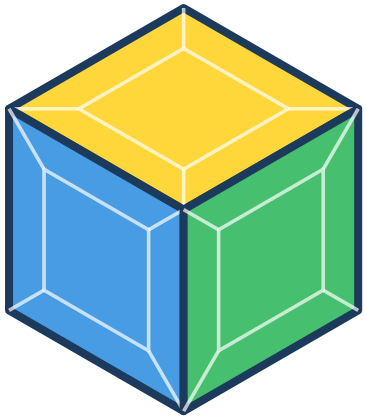
Zigzag

3



Hexagon

4

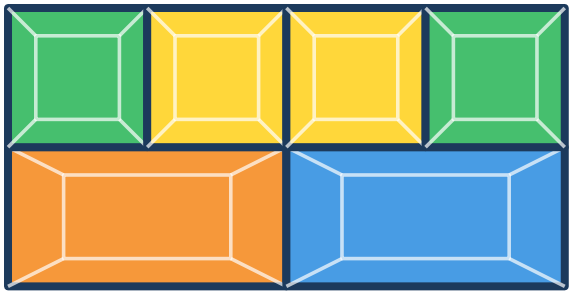


Cube

PREVIEW

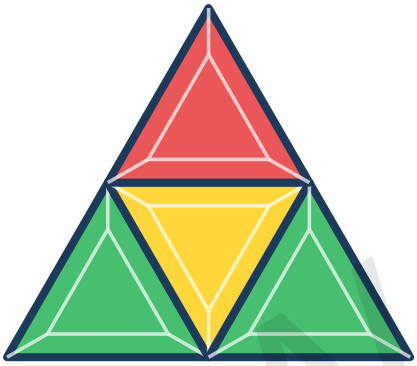
Preview - Bright Path Shed

9



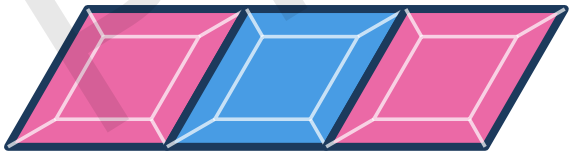
Two rows

10



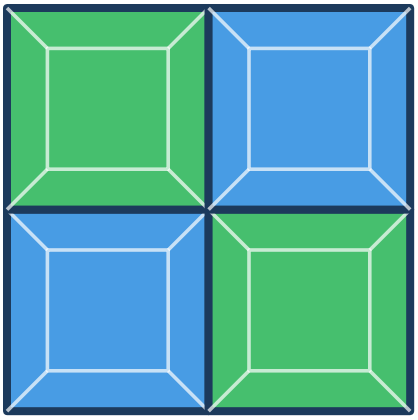
Little triangle

11



Ribbon

12

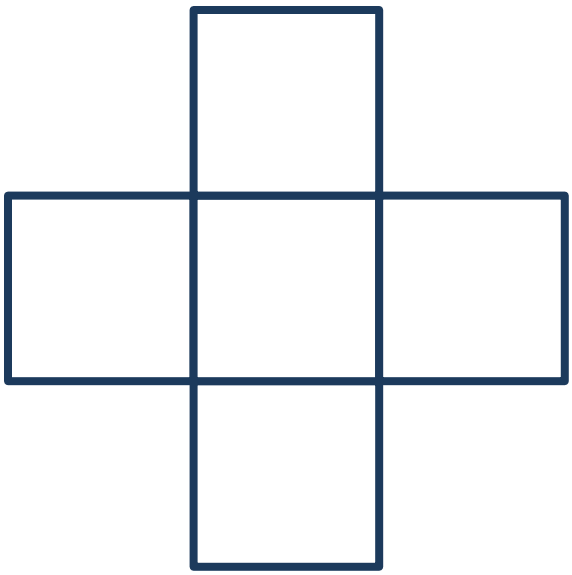


Big square

PREVIEW

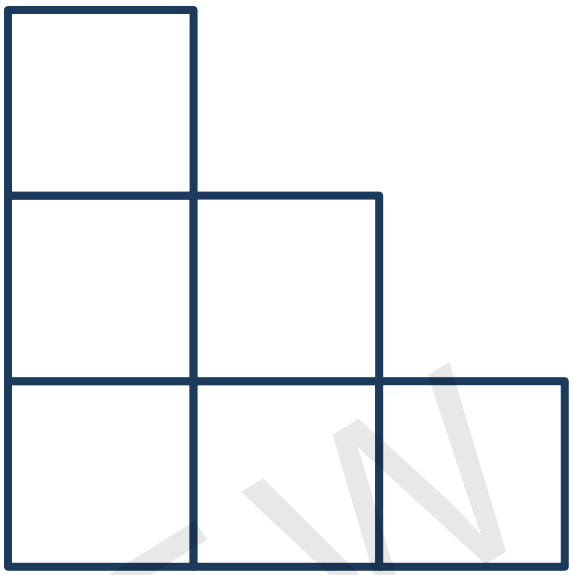
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5



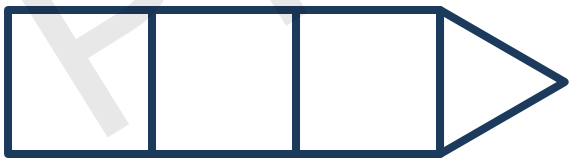
Plus

6



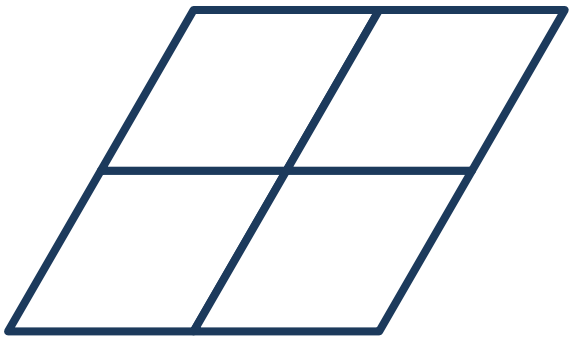
Steps

7



Arrow

8



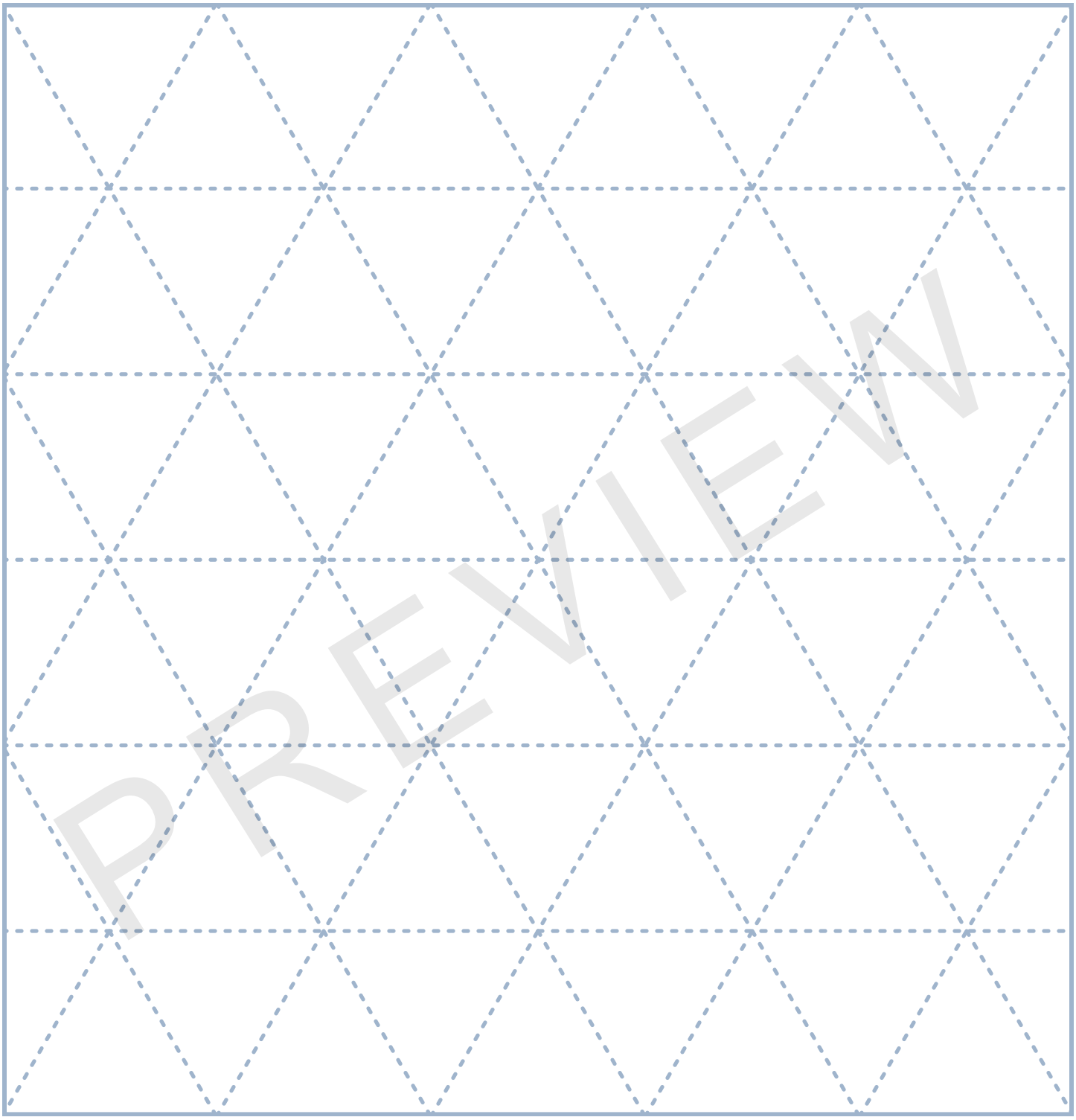
Diamond

PREVIEW

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My name _____ ▲

Build your own picture on the triangles.



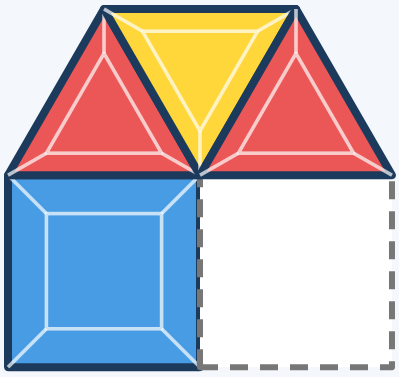
My picture is called _____

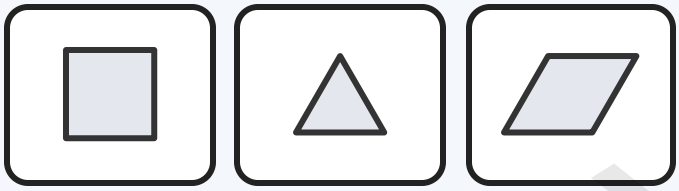
Preview - Bright Path Shed

My name _____

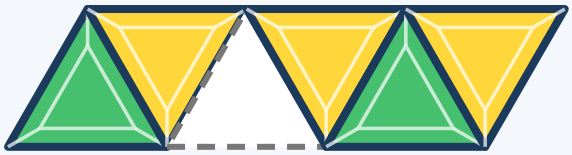
Which tile fits the empty spot? Circle it.

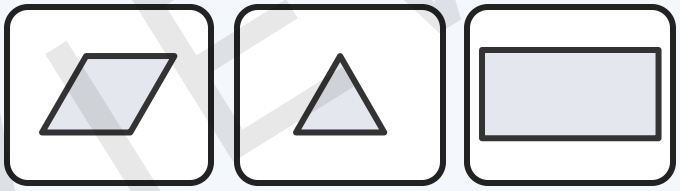
1





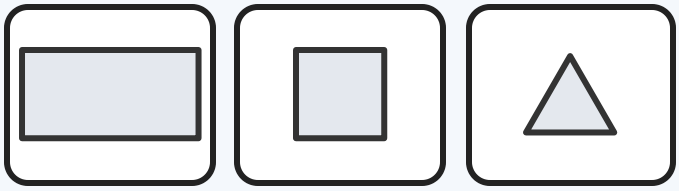
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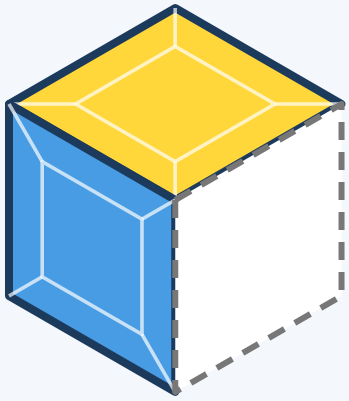


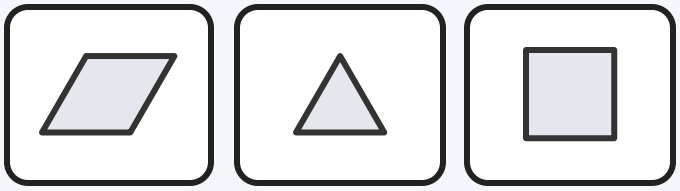
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4





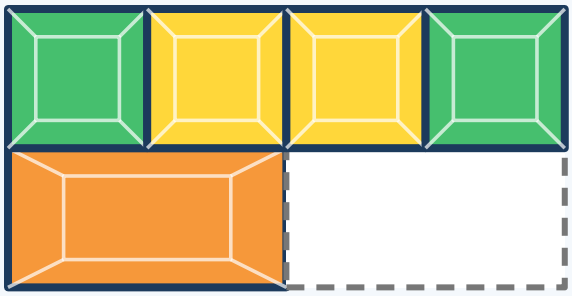
PREVIEW

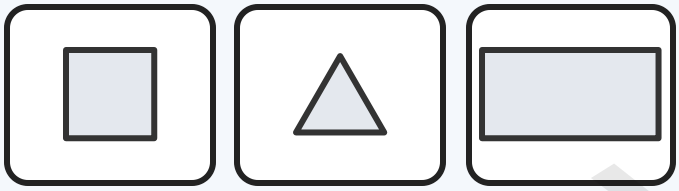
Preview - Bright Path Shed

My name _____

Which tile fits the empty spot? Circle it.

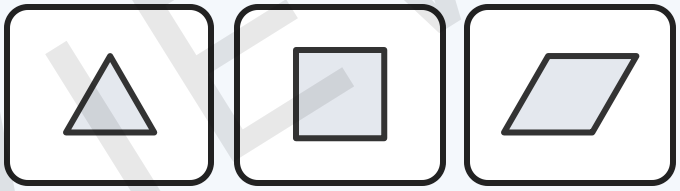
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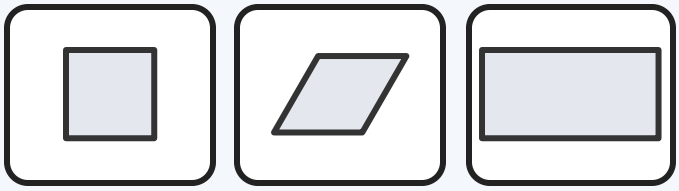
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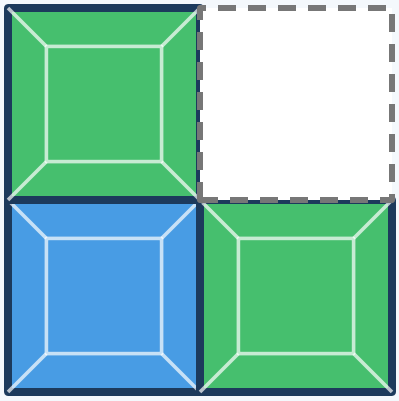


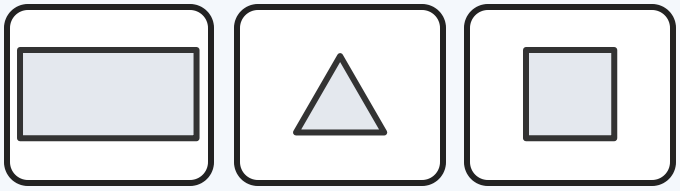
11





12





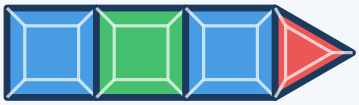
PREVIEW

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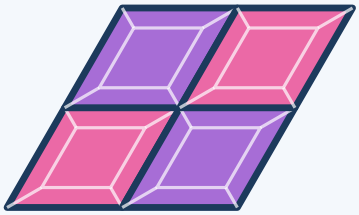
My name _____

Count each shape. Write the number.

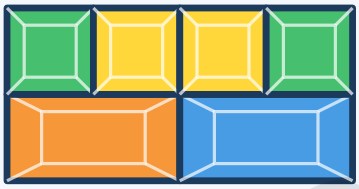
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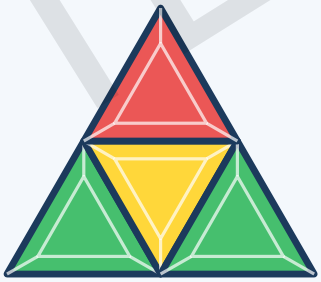
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9



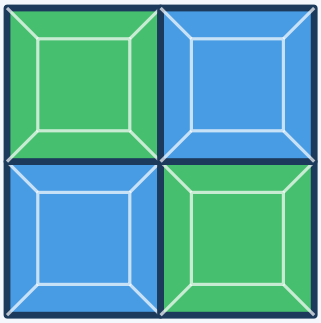
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11



12

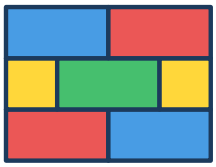
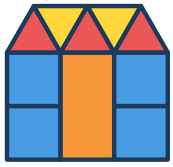


PREVIEW

Preview · Bright Path Shed

A Filled Tile Count Sheet

Mia is an invented student; none of these numbers is real data. She built mats 1, 2, 3, 5 and 7 and counted each one.

Picture	Mat	triangles	squares	rhombi	rectangles	All together
	Big square	0	1	0	4	5
	Rhombus star	0	0	6	0	6
	Rectangle wall	0	2	0	5	7
	Triangle roof	5	4	0	1	10
	Big triangle	16	0	0	0	16
	all five	21	7	6	10	44

What this example shows

- Every row adds up: for the triangle roof, 5 triangles + 4 squares + 0 rhombi + 1 rectangle = 10.
- The last row adds each column: 21 triangles, 7 squares, 6 rhombi and 10 rectangles, 44 tiles in all (21 + 7 + 6 + 10 = 44).
- A zero is an answer. The rhombus star has no triangles, squares or rectangles, so those boxes say 0.
- The key (page 31) has the same numbers for every mat.

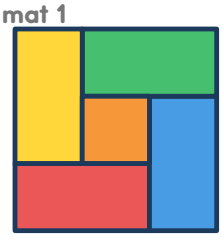
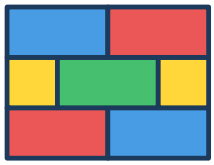
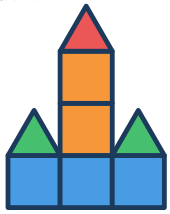
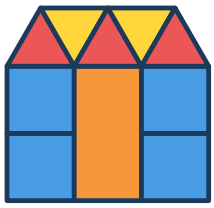
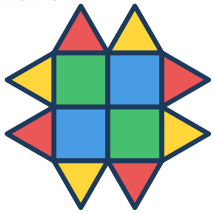
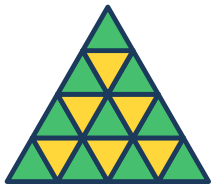
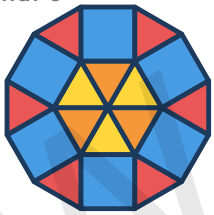
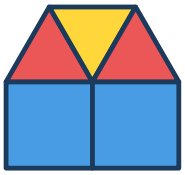
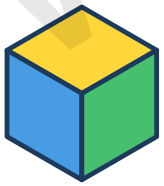
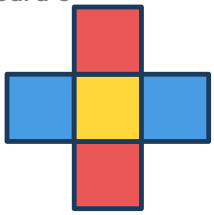
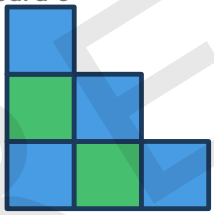
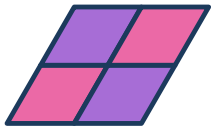
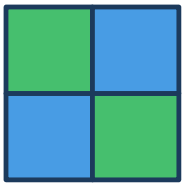
Write what you see, in your own words. Where your program has a rule for how many pictures make a lesson or what counts as done, write it on the data sheet; this page does not set one.

PREVIEW

Preview - Bright Path Shed

My name _____

Color a box when you finish a picture.

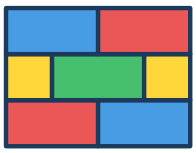
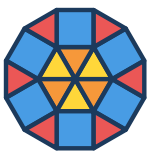
mat 1  ☐	mat 2  ☐	mat 3  ☐	mat 4  ☐
mat 5  ☐	mat 6  ☐	mat 7  ☐	mat 8  ☐
card 1  ☐	card 2  ☐	card 3  ☐	card 4  ☐
card 5  ☐	card 6  ☐	card 7  ☐	card 8  ☐
card 9  ☐	card 10  ☐	card 11  ☐	card 12  ☐
my own ▲ ☐	my own ▲ ☐	my own ▲ ☐	my own ▲ ☐

PREVIEW

Preview · Bright Path Shed

Answer Key: The 8 Mats

Tiles needed for each mat (pages 5 to 12). Every shape is outlined on the page, so the key is a count.

Mat	Picture	Name	triangles	squares	rhombi	rectangles	All together
1		Big square	0	1	0	4	5
2		Rhombus star	0	0	6	0	6
3		Rectangle wall	0	2	0	5	7
4		Tall tower	3	5	0	0	8
5		Triangle roof	5	4	0	1	10
6		Squares and points	8	4	0	0	12
7		Big triangle	16	0	0	0	16
8		Sunburst	12	6	0	0	18

Each row adds up: triangles + squares + rhombi + rectangles equals all together. A child who covers a rhombus with two triangles or a rectangle with two squares has covered the shape too; the counts above assume one tile per outline.

PREVIEW

Note Home

Type or write what we built today, then send this page home.

For the family

Today we built picture mats with shape tiles. We covered outlines, copied picture cards, and counted triangles, squares and other shapes. We built:

Thank you for practicing at home!

Try it at home

- Find squares, triangles and rectangles around your home. Count how many of each.
- Cut a square of paper corner to corner. Make a picture with the two triangles.
- Build something with blocks, then say the shapes you used.

Student: _____ Date: _____ From: _____

PREVIEW