

This “Section-level slidedeck” uses the full unit slidedeck as a base. Only the slides aligning with the Section-level planning guide are revealed. The slides are color-coded to match the purple-orange-purple flow of the Section-level planning guides. Make a copy of the slidedeck to customize as you wish!

Flat Shapes All Around Us

This Unit (All Sections) is NOT a Priority Unit for 2020-2021 as it does not focus on Major Grade-level

Work ... [identified by IM authors](#)

Kindergarten : Unit 3

Section-Level Slidedeck



Standards addressed: K.CC.A., K.CC.B, K.CC.C, K.G.A, K.G.B., K.MD.A., K.MD.B.

Unit 3 Progression Overview

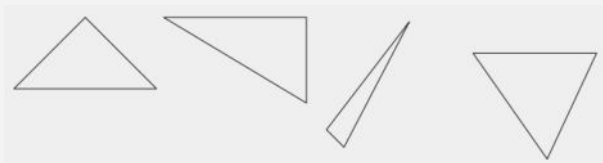
Flat Shapes All Around Us

Section A

Lessons 1-9

K.CC.A., K.CC.B, K.CC.C., K.G.A., K.G.B, K.MD.A., K.MD.B.

- Recognize and describe shapes in the environment.
- Use informal language to describe and compare shapes and their attributes.

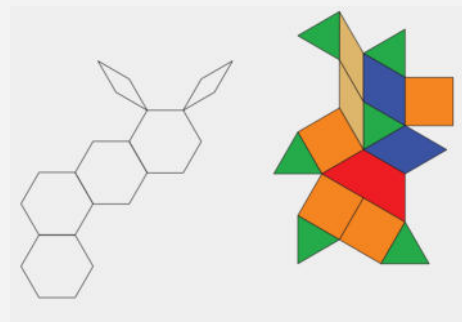


Section B

Lessons 10-15

K.CC.A, K.CC.B, K.CC., K.CC.C., K.G.A., K.G.A., K.G.B.,

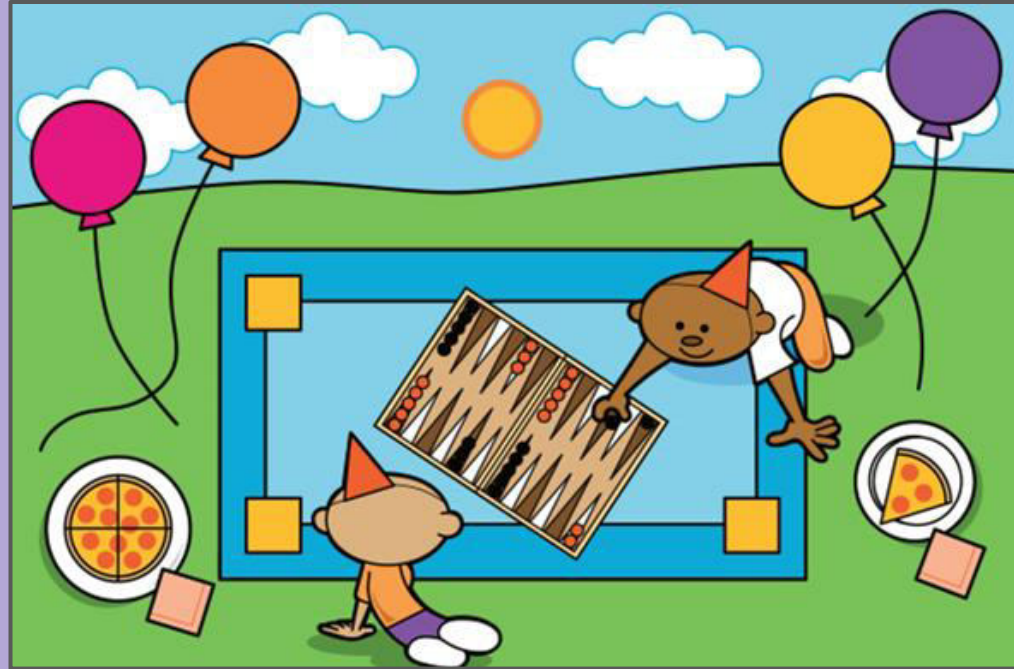
- Explore shapes by putting shapes together to form larger shapes.



Section A Goals

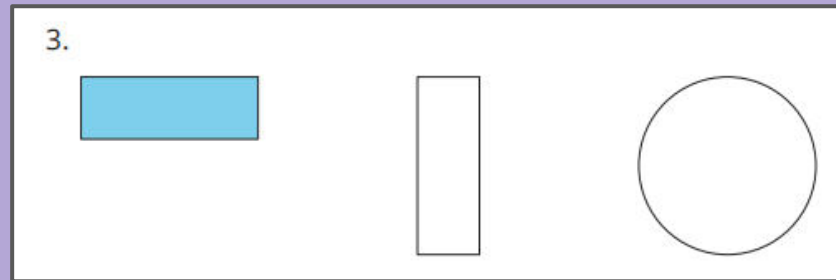
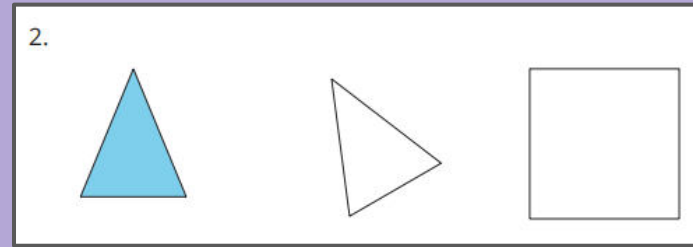
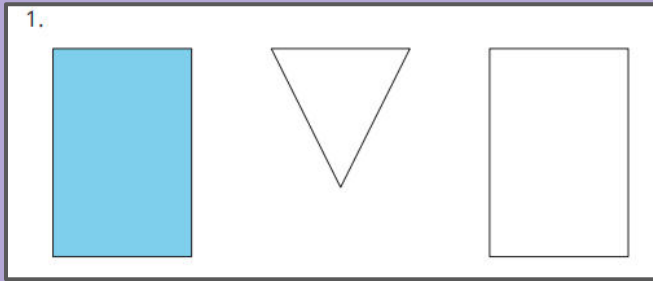
- Recognize and describe shapes in the environment.
- Use informal language to describe and compare shapes and their attributes.

Shapes in a Picture



Which Shape is the Same?

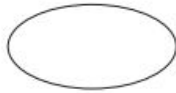
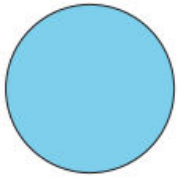
Color the shape that is the same as the first shape in each row.



Which Shape is the Same?

Color the shape that is the same as the first shape in each row.

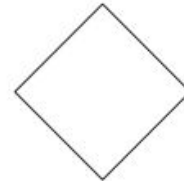
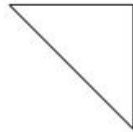
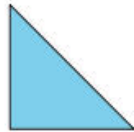
4.



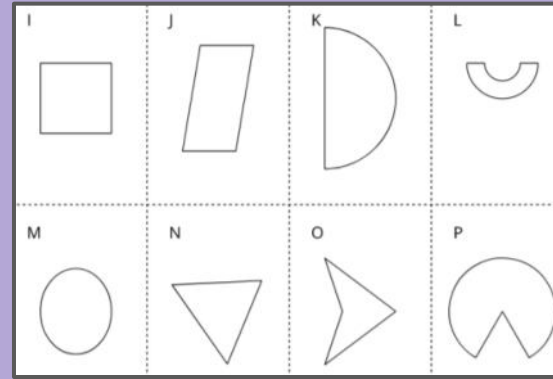
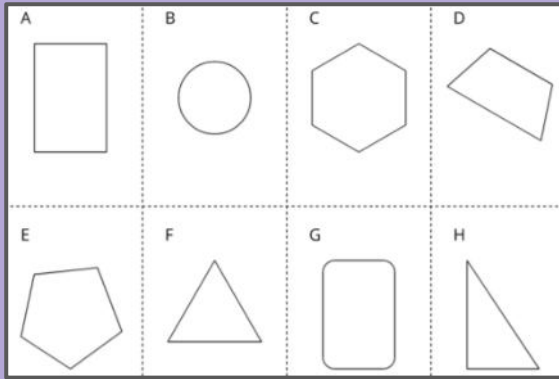
5.



6.



Shape Sort

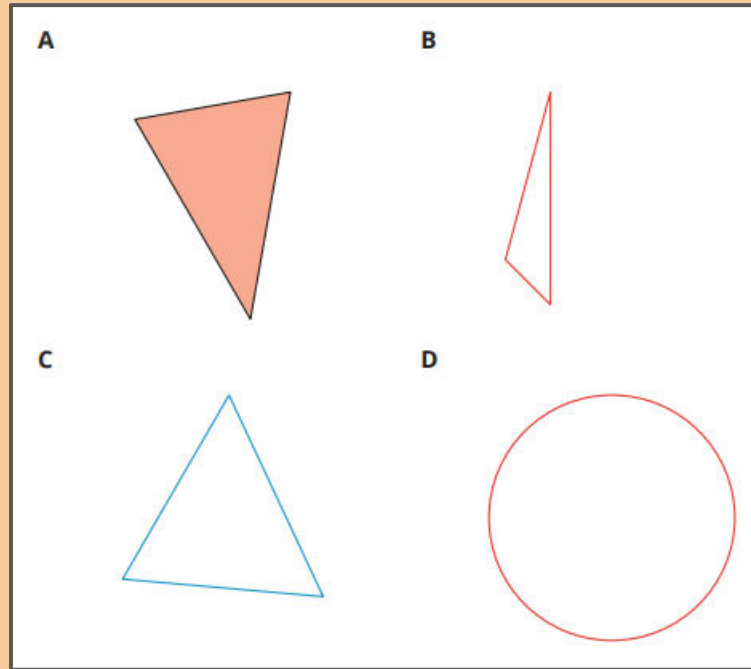


- *In the last activity we sorted our objects into groups. We put the objects together based on something that was the same about the objects.*
- *You and your partner will sort the shape cards into 2 groups. You can decide how to sort the shapes. Put each shape in one of your groups. Talk to your partner about why each shape fits in the group*

Scavenger Hunt!

1. Find 2 objects that look like a circle
2. Find 3 objects that look like a square

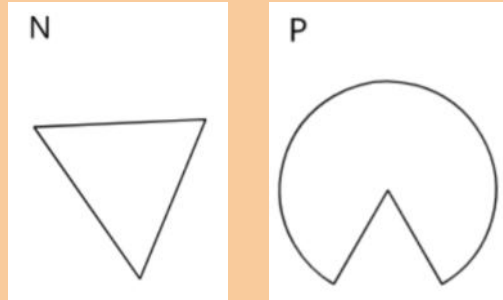
Which One Doesn't Belong: Compare Shapes



Alike and Different

We are going to play a game that lets us think about how shapes are alike and how they are different.

What is alike about these two shapes?

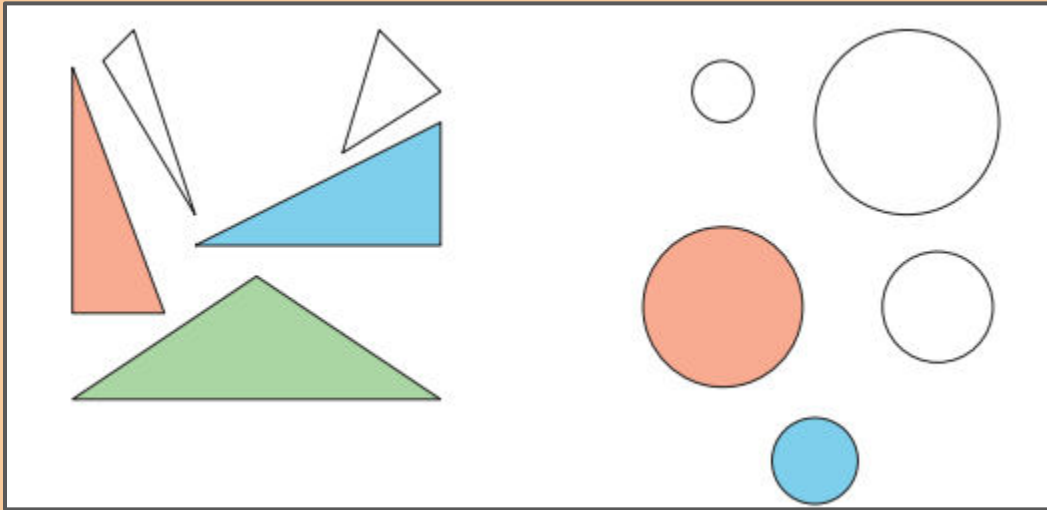


What is different about these two shapes?

- Each of you will turn over a card. With your partner, look carefully at the two shapes.
- Find one thing that is alike about your shapes and one thing that is different

Color Circles and Triangles

Mai put her shapes into 2 groups. What do you notice?
Why do you think Mai put these shapes together?



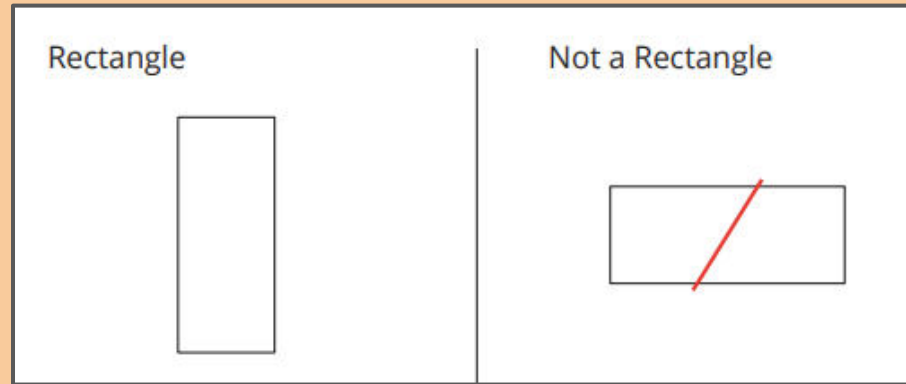
What can we name each group?

What do you know about circles?

What do you know about triangles?

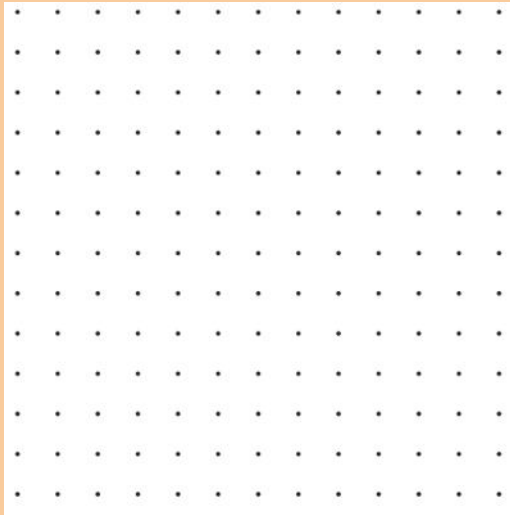
Sort Rectangles

- Work with your group to sort the shapes into 2 groups.
- Put the shapes that are rectangles on the left side of your page.
- Put the shapes that are not rectangles on the right side of your page.
- When you place a shape, tell your group why you think the shape belongs in that group



Describe and Draw Shapes

***In the last activity, we used dot paper.
What is different about this dot paper?***



- Today we're going to play a new game called 'Draw the Mystery Shape'.
- One partner will choose a shape and describe it.
- The other partner draws the shape.

Explore building and drawing shapes

You can make shapes using straws, toothpicks, and other household objects or draw shapes.

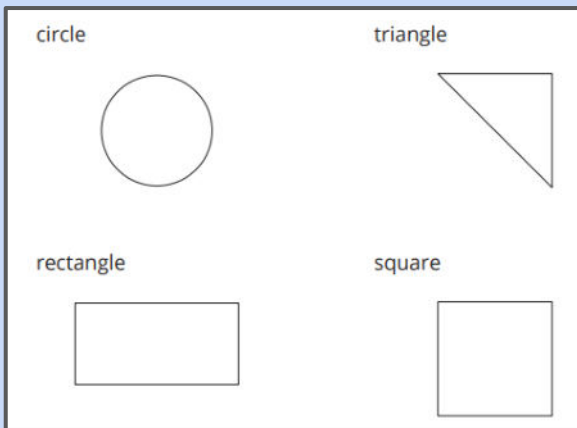


Section A Summary



In this section we described, compared, and sorted shapes by looking at the sides and corners.

We learned the names of these shapes:



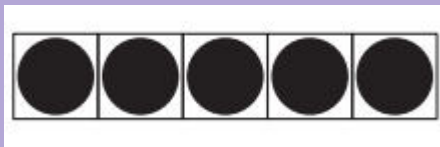
We looked for these shapes in the environment. We built these shapes out of straws and drew these shapes on paper.

Section B Goals

- Explore shapes by putting shapes together to form larger shapes

How Many Do You See: 1 More and 1 Less on 5-frames

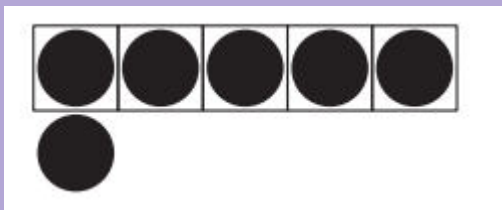
How many do you see?



How do you see them?

How Many Do You See: 1 More and 1 Less on 5-frames

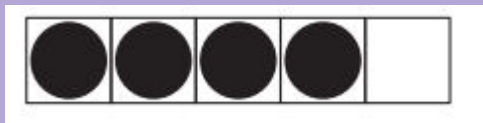
How many do you see?



How do you see them?

How Many Do You See: 1 More and 1 Less on 5-frames

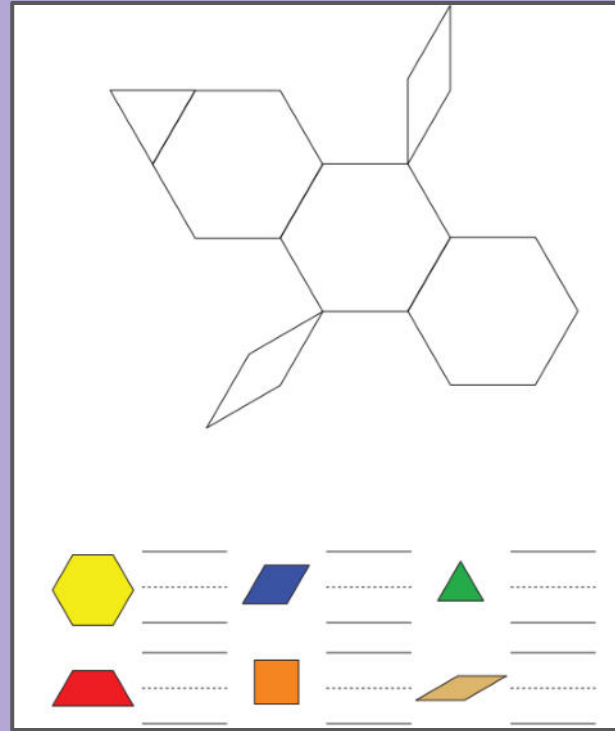
How many do you see?



How do you see them?

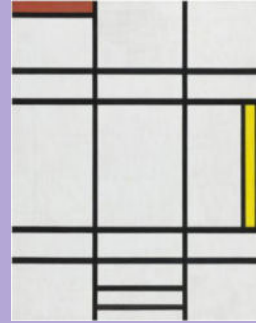
Pattern Block Puzzles

- What is a question that you can ask about this shape using the word 'fewer'?
- Use the pattern blocks to fill in each puzzle. Write a number to show how many of each pattern block you used. Ask your partner a question about each puzzle using the word 'fewer'.



Find Shapes in Art

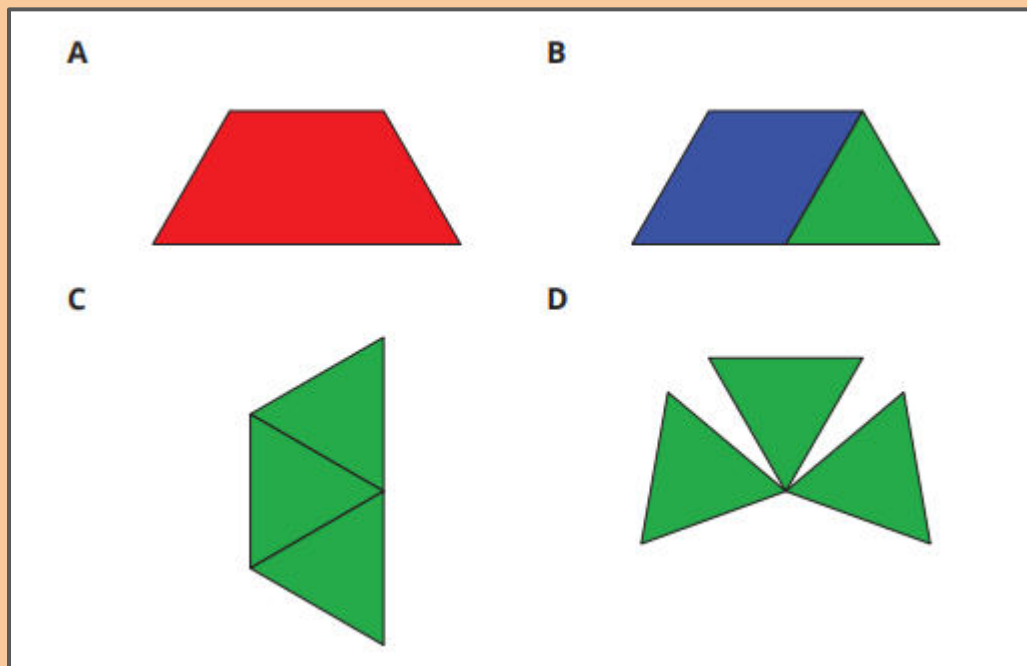
- We have been putting pattern blocks together to form larger shapes in lots of different ways.
- Now we are going to look at 5 different pieces of art.
- Each piece comes from a different part of the world.
- Talk to your partner about how the artists used shapes in their artwork.



Scavenger Hunt!

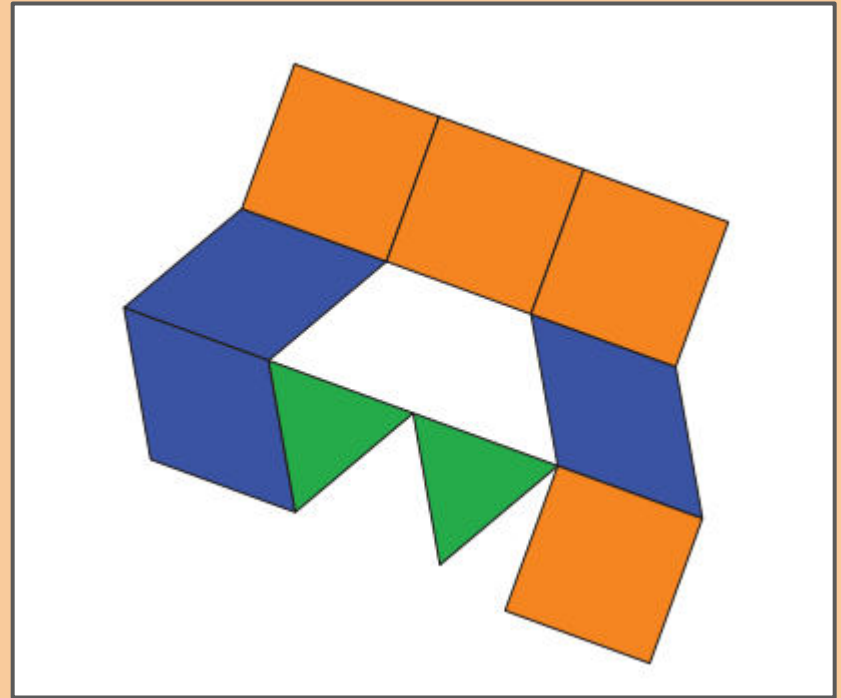
1. Find a picture of something you would build with only triangles.
2. Find a picture of something you would build with triangles and rectangles.
3. Draw a picture of an animal using triangles, rectangles, and circles.

Which One Doesn't Belong: Pattern Block Trapezoids



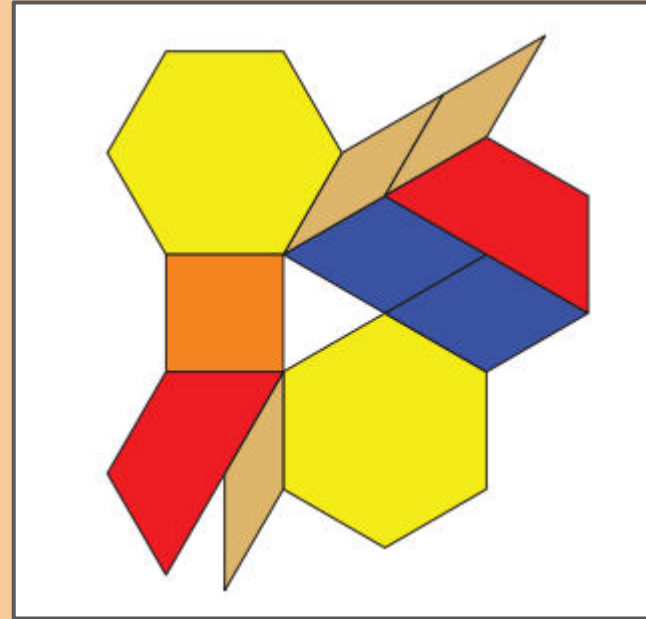
Missing Shapes

- What do you notice?
What do you wonder?
- Figure out which pattern block is missing from each puzzle. Tell your partner how you know.



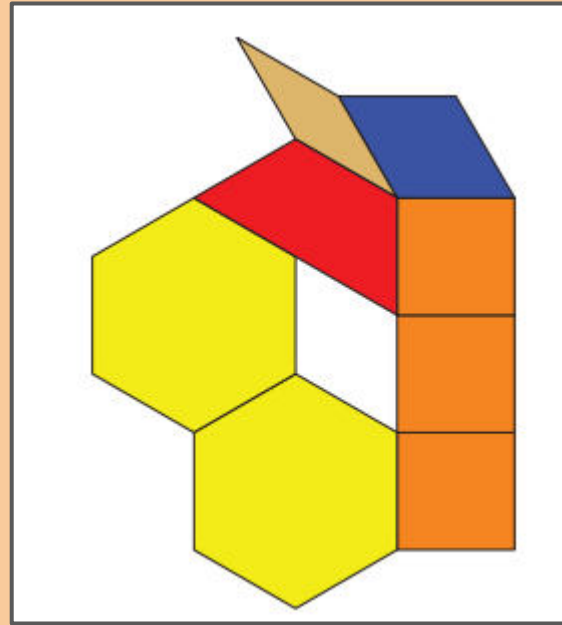
Missing Shapes

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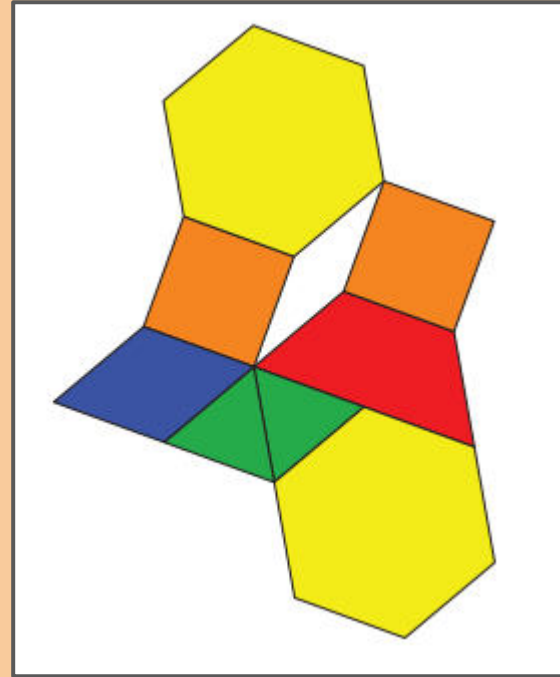
Missing Shapes

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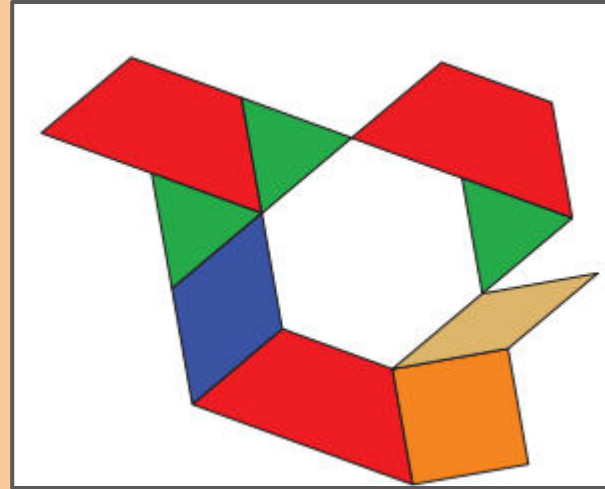
Missing Shapes

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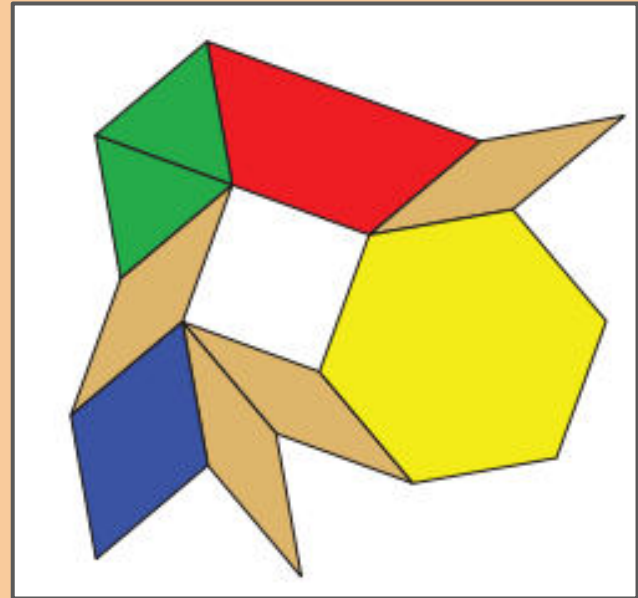
Missing Shapes

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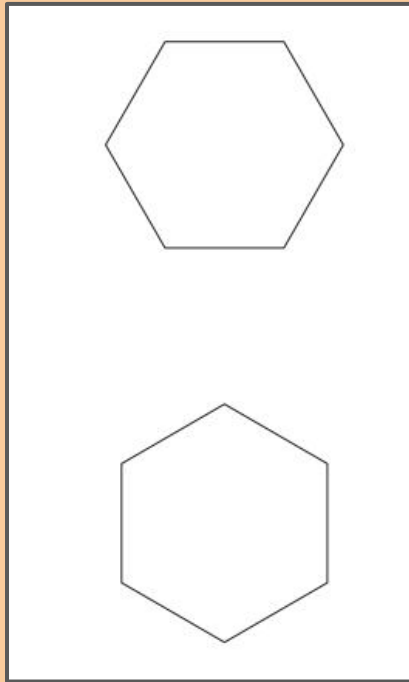


Missing Shapes

Figure out which pattern block is missing from each puzzle. Tell your partner how you know.



Many Ways to Make a Hexagon.

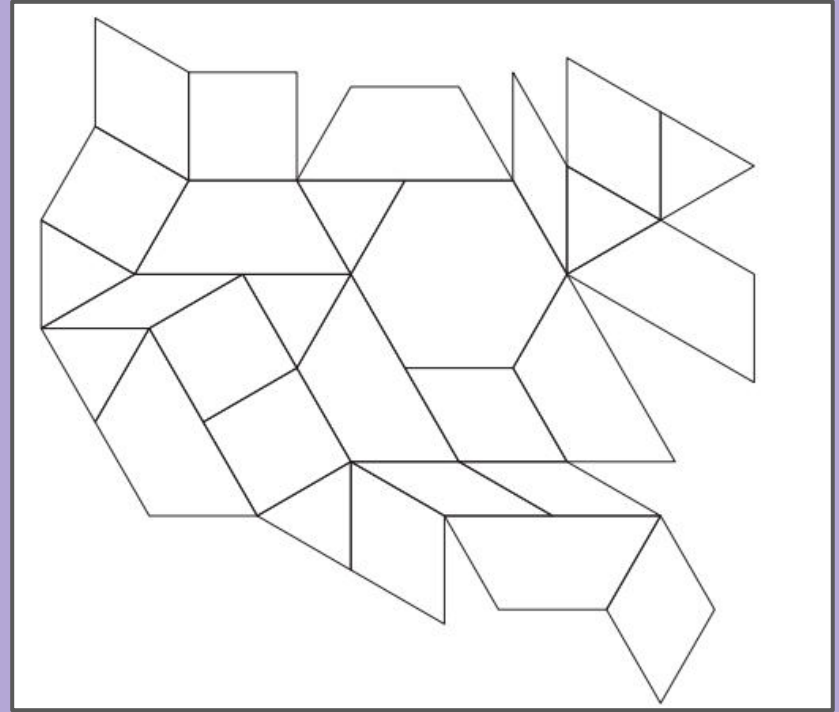
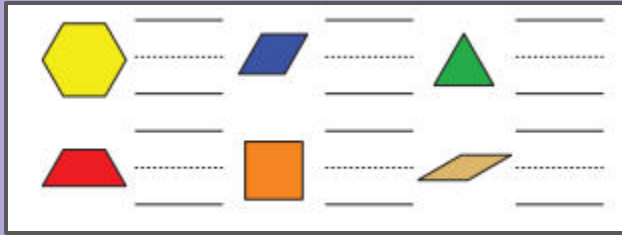


- Work with your partner to find many different ways to make hexagons with pattern blocks.
- Tell your partner about the shapes that you use each time using ‘more’, ‘fewer’, or ‘the same as’.

Find the Shape

Lesson 11
Activity #2

- Find all of the shapes in this puzzle that are the same as the red trapezoid pattern block. Color them red.
- Figure out how many red trapezoids there are. Write a number to show how many there are.
- Repeat the steps with the green triangle, blue rhombus, orange square, yellow hexagon, and tan rhombus pattern blocks.



Make Art with Shapes

- In Activity 1, we noticed that artists use shapes in different ways to create art. Some artists make patterns and designs. Some put shapes together to form people or animals.
- Now you are going to make your own piece of artwork using shapes. You can use any of these materials.
- Think about how you can draw or put shapes together to make larger shapes

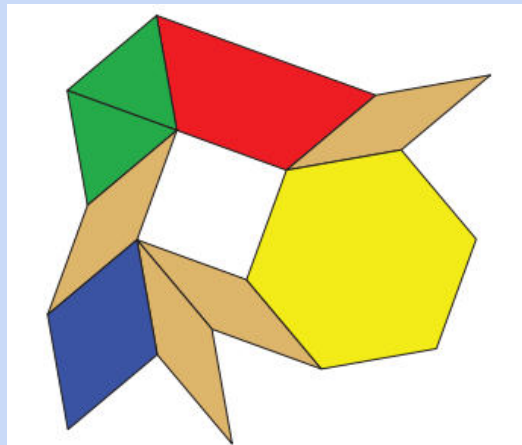


Section B Summary



In this section we put shapes together to make bigger shapes.

We learned that the same shape can look different when it is moved around.



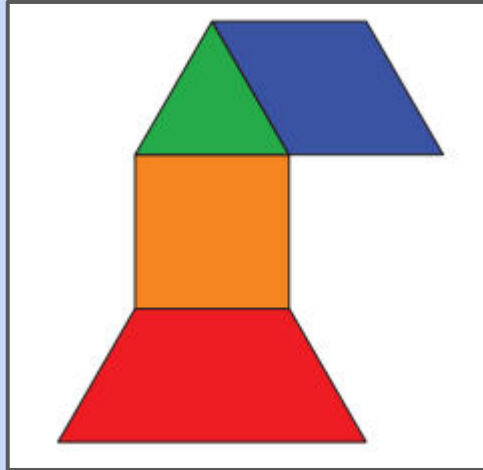
The shape that is missing is the square but it looks different because it is turned. This helped us to fill in shapes that were needed to finish pattern block puzzles.



Section B Summary



We also used words like above, below, and next to to describe where the pattern blocks were in a shape.



The square is above the red shape.