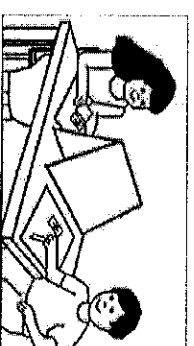


## Pattern Block Barrier Game

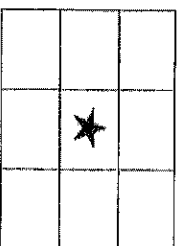


**Materials:** Barrier Game grid for each player, pattern blocks, divider for each partnership

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1. Work with a partner. Sit side by side with a divider standing between you.
2. Player 1: Place one pattern block in each space on your grid without letting your partner see your work.
3. Player 1: Tell your partner how to place pattern blocks to match your grid. Use the names of the pattern blocks and positional language to describe where to place them.
4. Remove the divider and look at the two grids to see how closely they match.
5. Swap roles and play again.

# Barrier Game





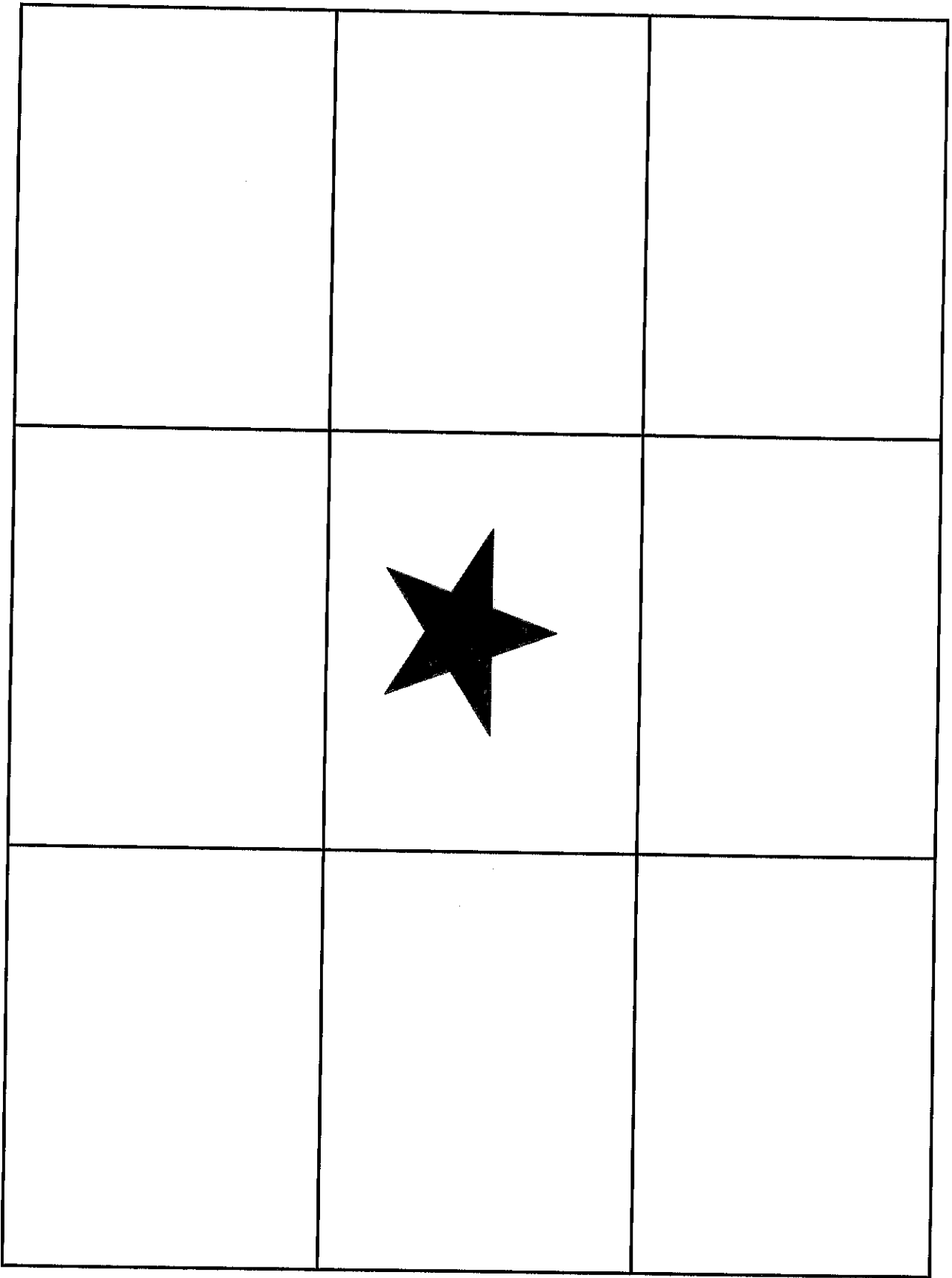
Put a \_\_\_\_\_ in the center.

Put a  above the \_\_\_\_\_.

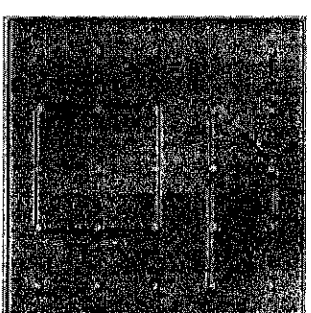
Put a \_\_\_\_\_ below the \_\_\_\_\_.

Put a \_\_\_\_\_ to the  left of the \_\_\_\_\_.

Put a \_\_\_\_\_ to the right  of the \_\_\_\_\_.



# Shapes on the Geoboard



**Materials:** geoboards, rubber bands, geoboard recording paper

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1. Use rubber bands to make different shapes on your geoboard.
2. Choose one of the shapes you made and record it on geoboard paper.
3. Write about your shape.

# Shape Sort

**Materials:** Set of cards showing shapes in different orientations/sizes

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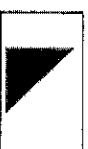
1. Work with a partner. Sort the shape cards into 4 groups: squares, triangles, hexagons and rectangles.
2. Draw a picture to show how you sorted the shape cards.

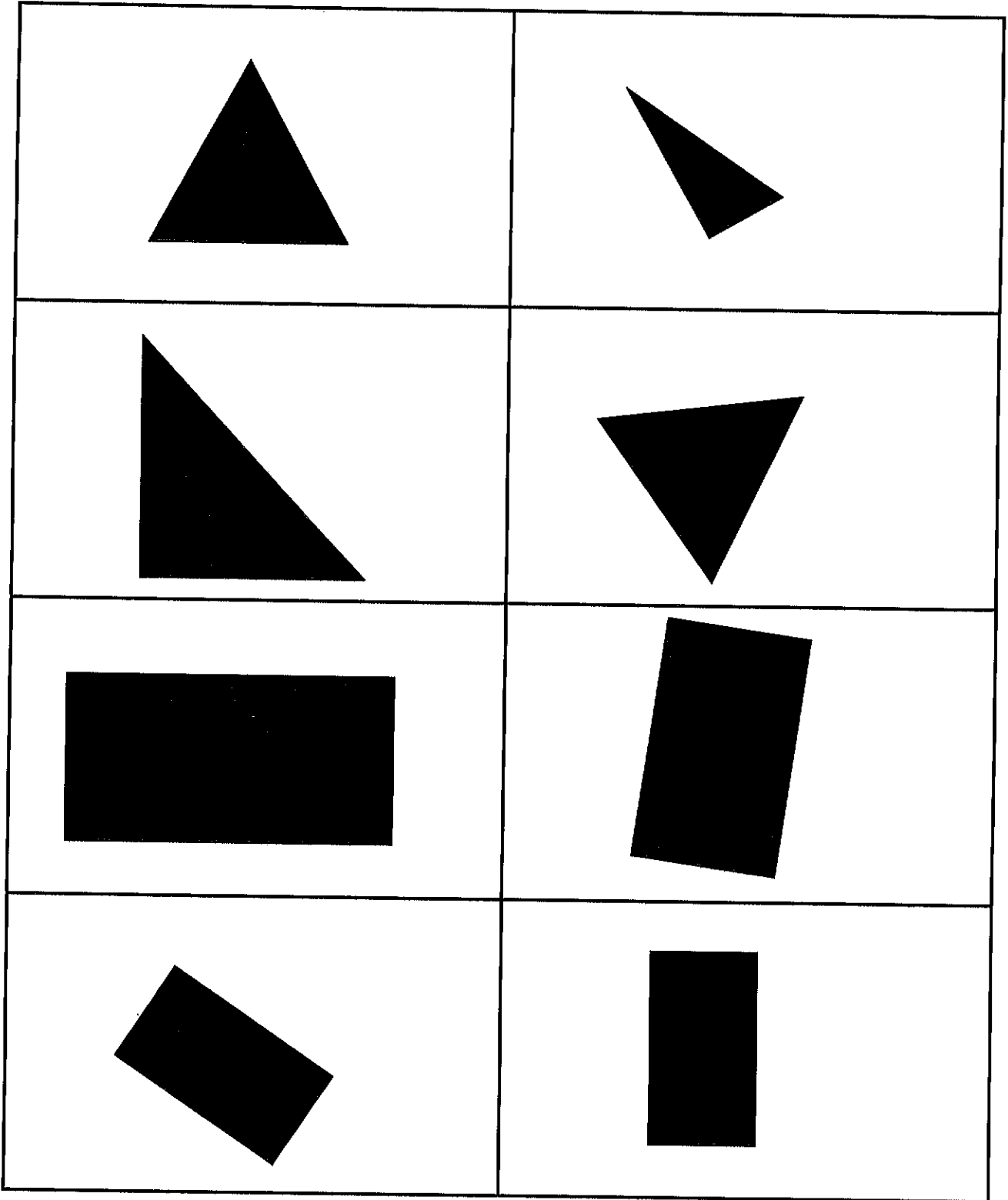
Triangles

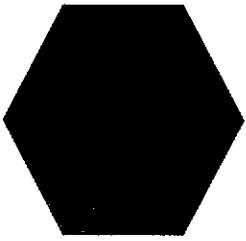
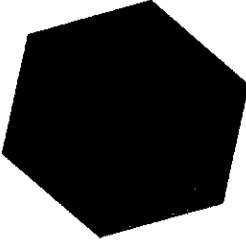



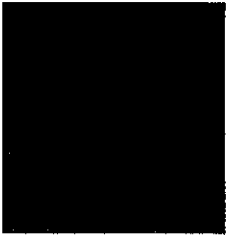
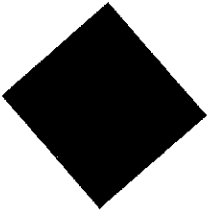
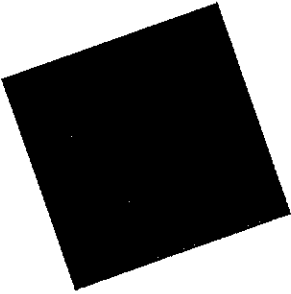
Hexagons

Squares

Rectangles







Triangles

Hexagons

Squares

Rectangles



# Shape Robot, Shape Robot

by .....

[www.k-5mathteachingresources.com](http://www.k-5mathteachingresources.com)

Shape Robot, Shape Robot  
munch .... munch .... munch

How about a green triangle  
for your lunch?

Shape Robot, Shape Robot  
munch .... munch .... munch

How about a yellow hexagon  
for your lunch?

Shape Robot, Shape Robot  
munch .... munch .... munch

How about a red trapezoid  
for your lunch?

Shape Robot, Shape Robot  
munch .... munch .... munch

How about an orange square  
for your lunch?

Shape Robot, Shape Robot  
munch .... munch .... munch

How about a blue \_\_\_\_\_  
for your lunch?

Shape Robot, Shape Robot  
munch .... munch .... munch

How about a \_\_\_\_\_  
for your lunch?

Shape Robot, Shape Robot

Munch .... Munch .... Munch!!!!

## Geometry Sentence Frames: Set 3 - Flat and Solid Shapes

The math sentence frames in this pack provide opportunities for children to read sight words in context while building math vocabulary related to the names and properties of two-dimensional shapes. Each frame can be completed in several ways and support is provided through pictures.

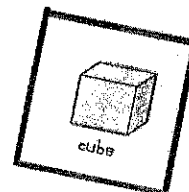
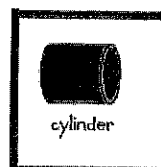
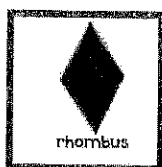
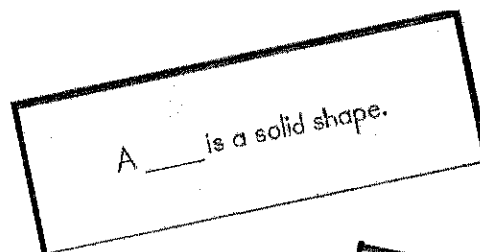
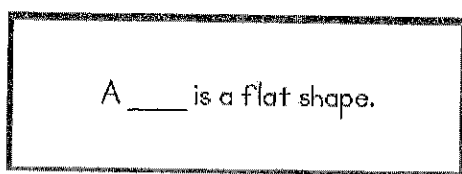
This set includes the following 2 sentence frames:

A \_\_\_\_\_ is a flat shape.

A \_\_\_\_\_ is a solid shape.

Some children will benefit from repeated practice with different vocabulary using one sentence frame. After building and reading aloud several different sentences they can choose one sentence to copy and illustrate. Children requiring a challenge can make a mini-book showing different variations of the sentence frames which require being able to identify shapes as two-dimensional (lying in a plane, "flat") or three-dimensional ("solid") (K.G.3).

Print, laminate, and cut apart all cards in the set. Paste a copy of each sentence frame on the outside of an envelope and place the matching word and picture cards inside. Before placing them in a Math Center introduce the cards to the children and practice sentence building using a pocket chart. Once children are familiar with how to use the cards place them in the Math Center and encourage children to build, write and illustrate sentences independently.

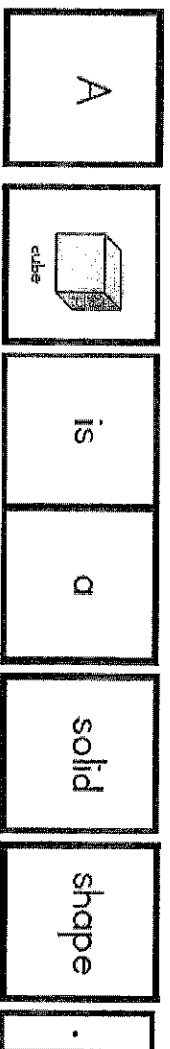


# Geometry Sentence Frames

**Materials:** Geometry Sentence Frames: Set 3, 2D and 3D shapes

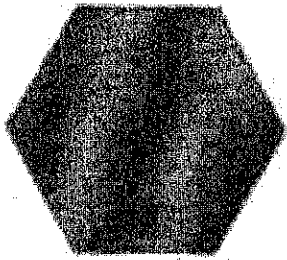
A \_\_\_\_\_ is a solid shape.

1. Use the word and picture cards to make a sentence.



2. Read your sentence to a friend. Does it make sense?
3. Write your sentence and draw a picture.

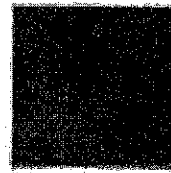
A \_\_\_\_ is a flat shape.



hexagon



trapezoid



square



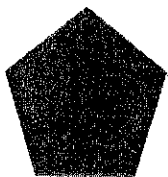
rhombus



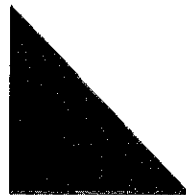
triangle



rectangle



pentagon



triangle





A

is

a

flat

shape

A

is

a

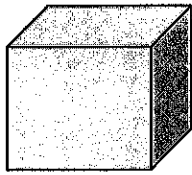
flat

shape

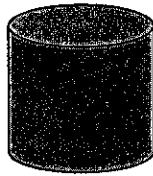
flat

shape

A \_\_\_\_ is a solid shape.



cube



cylinder



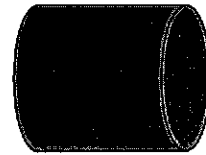
cone



spnere



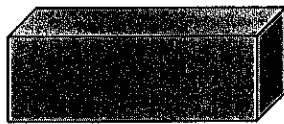
pyramid



cylinder



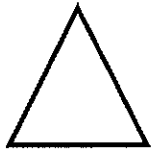
cone



rectangular  
prism



A	is	a
solid	shape	A
is	a	solid
shape	solid	shape



# Shapes, Shapes, Shapes!



by .....

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I see a green triangle.

It has \_\_\_\_ sides.

I see an orange square.

It has \_\_\_\_\_ sides.

I see a red trapezoid.

It has \_\_\_\_\_ sides.

I see a blue rhombus.

It has \_\_\_\_\_ sides.

I see a yellow hexagon.

It has \_\_\_\_\_ sides.

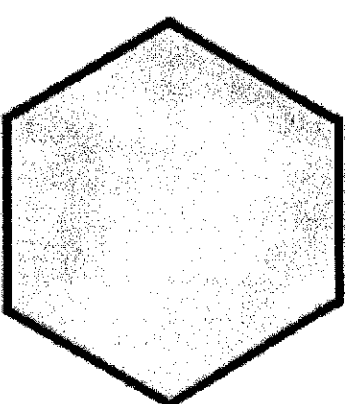
I see a \_\_\_\_\_ .

It has \_\_\_\_\_ sides.

I see a \_\_\_\_\_ .

It has \_\_\_\_\_ sides.

# Build a Hexagon



**Materials:** pattern blocks

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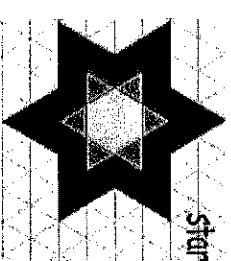
1. How many different ways can you find to cover a hexagon pattern block?

Hint: Use only the red trapezoids, blue rhombi, and green triangles.

2. Draw and label each way you find.



# Pattern Block Pictures



**Materials:** pattern blocks, pattern block stickers or precut paper pattern blocks, glue

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1. Create a picture or design with the pattern blocks.
2. Use paper pattern blocks to record your work.
3. Count and write about how many of each type of shape you used.

