

Eureka Math™

Grade K Module 6

Student File_A

Student Workbook

This file contains

- GK-M6 Problem Sets¹
- GK-M6 Homework
- GK-M6 Templates (including cut outs)²

¹Note that Lesson 8 of this module does not include Problem Set pages.

²Note that not all lessons in this module include templates or cut outs.

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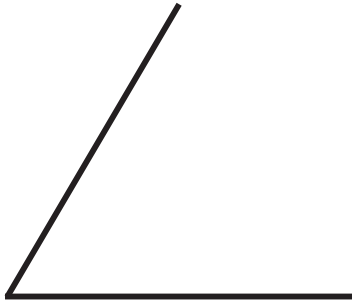
GK-M6-SFA-1.3.1-10.2016

Name _____

Date _____

Listen to the directions.

First, draw the missing line to finish the triangle using a ruler. **Second**, color the corners red. **Third**, draw another triangle.



First, use your ruler to draw 2 lines to make a square. **Second**, color the corners red. **Third**, draw another square.



First, draw a triangle using your ruler. **Second**, draw a different triangle using your ruler. **Third**, show your pictures to your partner.

$$4 + 1 = \underline{\quad}$$

$$\underline{\quad} = 2 + 1$$

$$3 + 2 = \underline{\quad}$$

$$3 + 1 = \underline{\quad}$$

$$\underline{\quad} = 5 + 0$$

$$5 - 1 = \underline{\quad}$$

$$\underline{\quad} = 4 - 1$$

$$3 - 2 = \underline{\quad}$$

$$3 - 0 = \underline{\quad}$$

$$\underline{\quad} = 5 - 4$$

$$2 - 1 = \underline{\quad}$$

$$\underline{\quad} = 3 - 3$$

$$1 - 0 = \underline{\quad}$$

$$3 - 0 = \underline{\quad}$$

$$\underline{\quad} = 4 - 4$$

$$2 + 2 = \underline{\quad}$$

$$\underline{\quad} = 5 - 3$$

$$1 + 1 = \underline{\quad}$$

$$4 - 0 = \underline{\quad}$$

$$\underline{\quad} = 4 + 1$$

Name _____

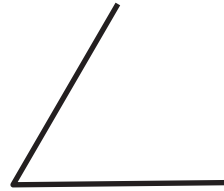
Date _____

Follow the directions.

First, use your ruler to draw a line finishing the triangle.

Second, color the triangle green.

Third, use your ruler to draw a bigger triangle next to the green triangle.



First, draw 2 lines to make a rectangle.

Second, circle all the corners in red.

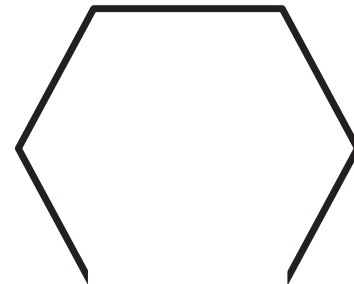
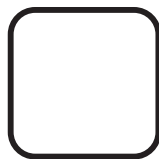
Third, put an X on the longer sides.



First, draw a line to complete the hexagon.

Second, color the hexagon blue.

Third, write the number of sides the hexagon has in the box below.



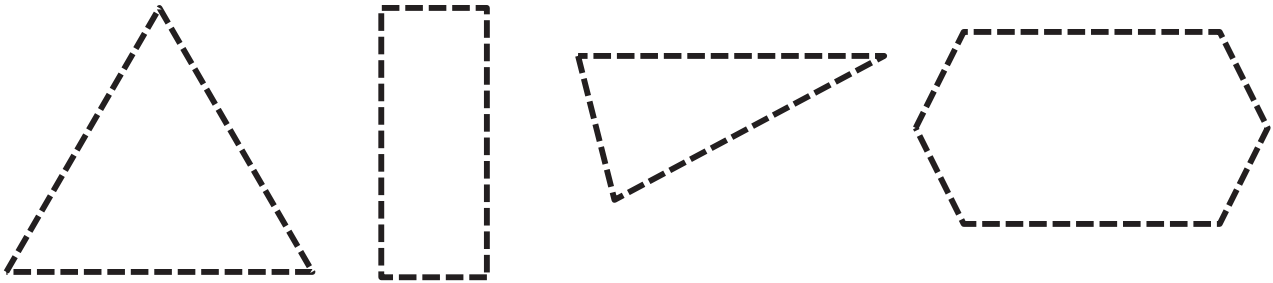
On the back of your paper, draw:

- A closed shape with 3 straight sides.
- A closed shape with 4 straight sides.
- A closed shape with 6 straight sides.

Name _____

Date _____

First, use a ruler to trace the shapes. Second, follow the directions in each box. Use your ruler to draw the shapes.



Draw 3 different triangles.

Draw 2 different rectangles.

Draw 1 hexagon.

$5 - 4 = \underline{\quad}$

$5 - 3 = \underline{\quad}$

$5 - 2 = \underline{\quad}$

$5 - 1 = \underline{\quad}$

$5 - 0 = \underline{\quad}$

$0 + 1 = \underline{\quad}$

$1 + 1 = \underline{\quad}$

$2 + 1 = \underline{\quad}$

$3 + 1 = \underline{\quad}$

$4 + 1 = \underline{\quad}$

$4 - 2 = \underline{\quad}$

$2 - 1 = \underline{\quad}$

$3 - 2 = \underline{\quad}$

$3 - 1 = \underline{\quad}$

$5 - 0 = \underline{\quad}$

$4 - 3 = \underline{\quad}$

$2 + 1 = \underline{\quad}$

$3 + 2 = \underline{\quad}$

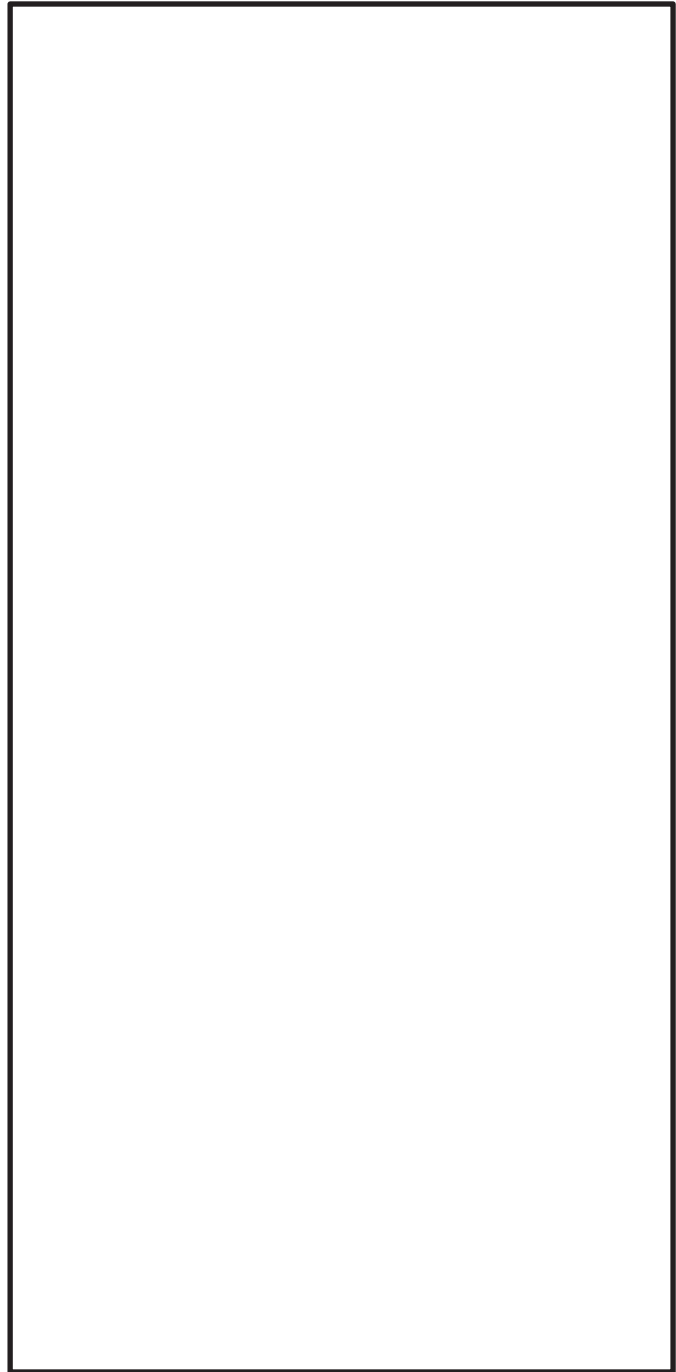
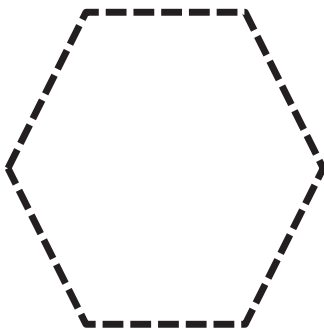
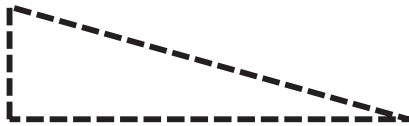
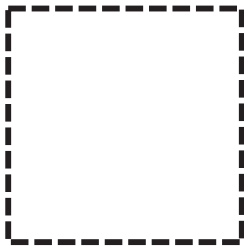
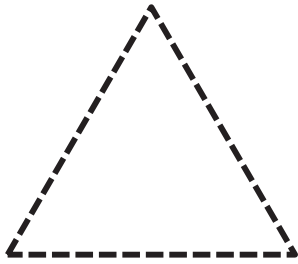
$4 - 1 = \underline{\quad}$

$5 - 4 = \underline{\quad}$

Name _____

Date _____

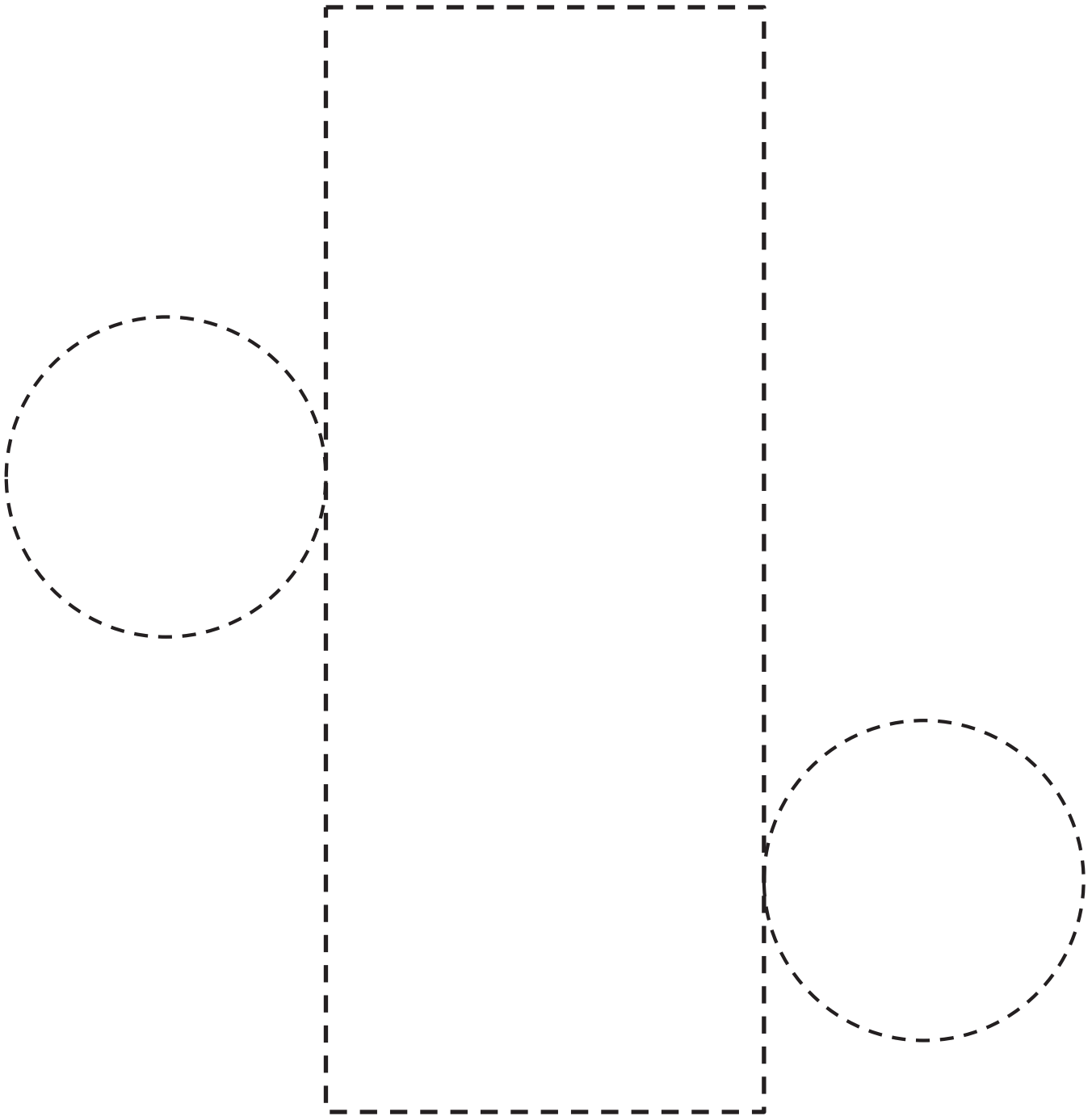
Trace the shapes. Then, use a ruler to draw similar shapes, on your own, in the large rectangle. Draw more on the back of your paper if you would like!



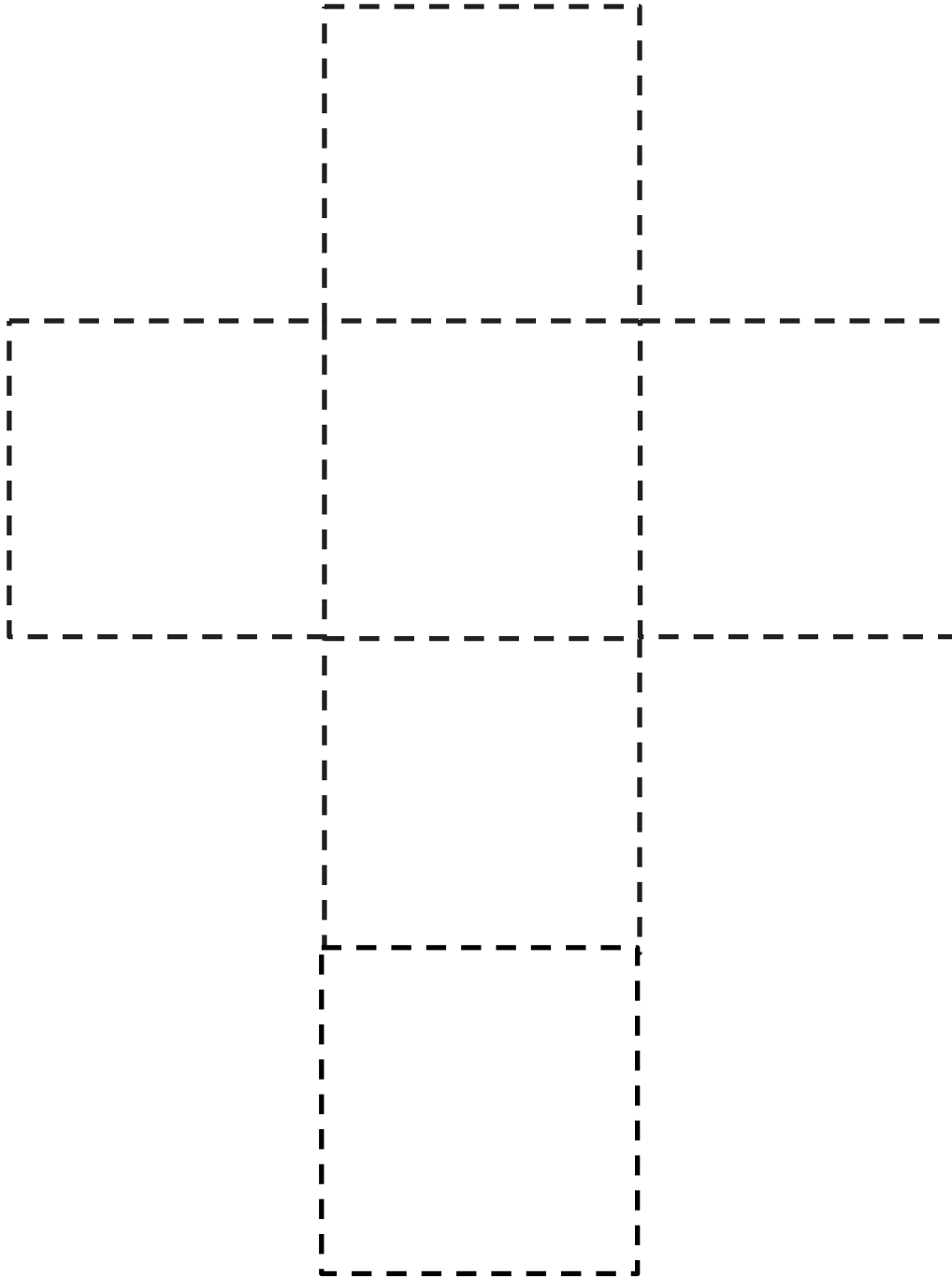
Name _____

Date _____

Trace the circles and rectangle. Cut out the shape. Fold and tape to create a cylinder.



Trace the squares. Cut out the shape. Fold and tape to create a cube.

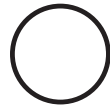


Name _____


Date _____



Draw something that is a cylinder.


Circle the flat shape you can see in a .

Draw something that is a cube.

Circle the flat shape you can see in a .



Draw something that is a cone.

Circle the flat shape you can see in a .



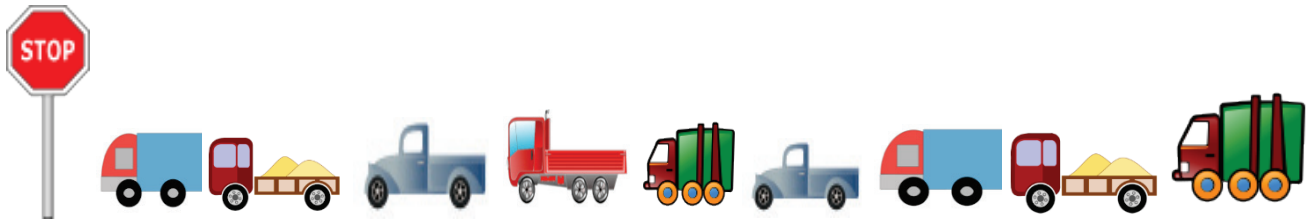
Draw a 3-dimensional solid. Draw one of your solid's faces. Tell an adult about the shapes you drew.

Note to Family Helpers: Your child knows how to name some 3-dimensional solids: cylinders, cones, cubes, and spheres. You can often find these 3-D shapes around the house in objects such as soup cans, ice cream cones, boxes, and balls. For the last question, it is acceptable for your student to find and draw a different type of 3-D solid. Talk about the number of edges, corners, and faces on the object.

Name _____

Date _____

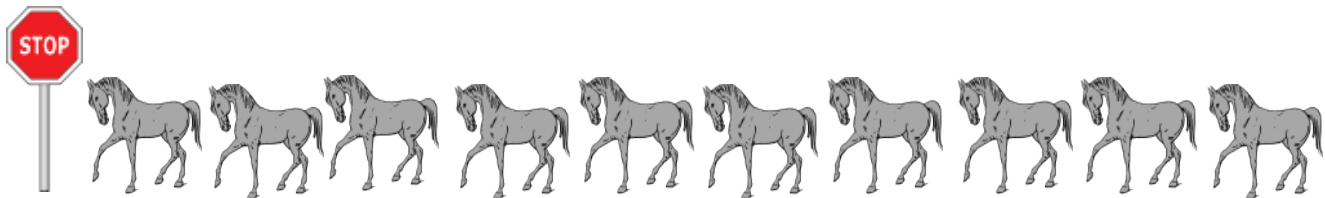
Circle the 2nd truck from the stop sign. Draw a square around the 5th truck. Draw an X on the 9th truck.



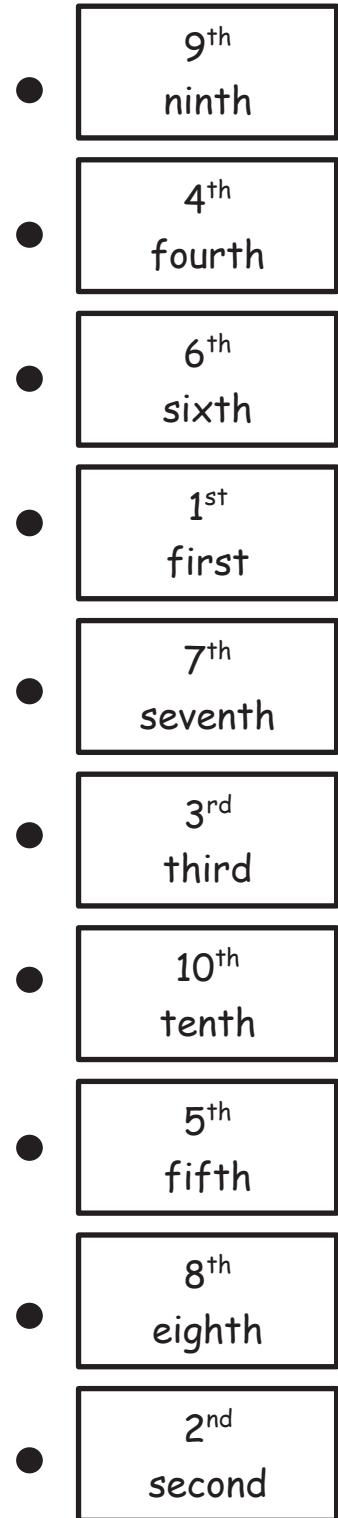
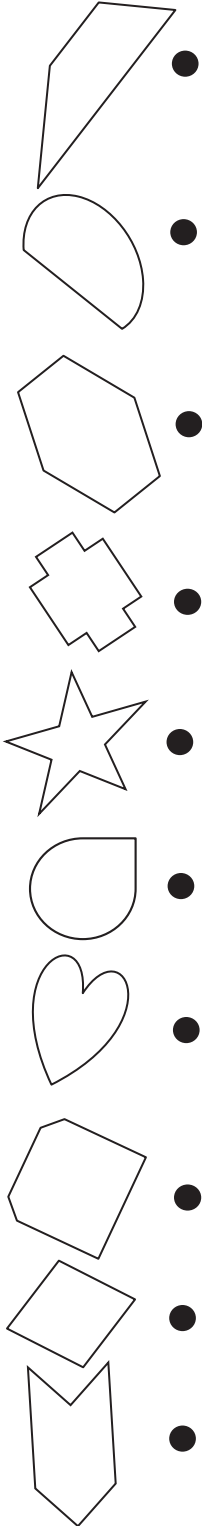
Draw a triangle around the 4th vehicle from the stop sign. Draw a circle around the 1st vehicle. Draw a square around the 6th vehicle.



Put an X on the 10th horse from the stop sign. Draw a triangle around the 7th horse. Draw a circle around the 3rd horse. Draw a square around the 8th horse.



Draw a line from the shape to the correct ordinal number, starting at the top.



Name _____

Date _____

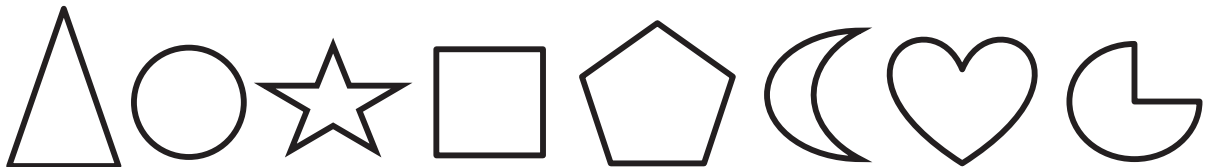
Color the 1st ☆ red.
 Color the 3rd ☆ blue.
 Color the 5th ☆ green.
 Color the 8th ☆ purple.



Put an X on the 2nd shape.
 Draw a triangle in the 4th shape.
 Draw a circle around the 6th shape.
 Draw a square in the 9th shape.



Draw a circle in the 7th shape.
 Put an X on the 1st shape.
 Draw a square in the 5th shape.
 Draw a triangle in the 3rd shape.



Match each animal to the place where it finished the race.

4
fourth

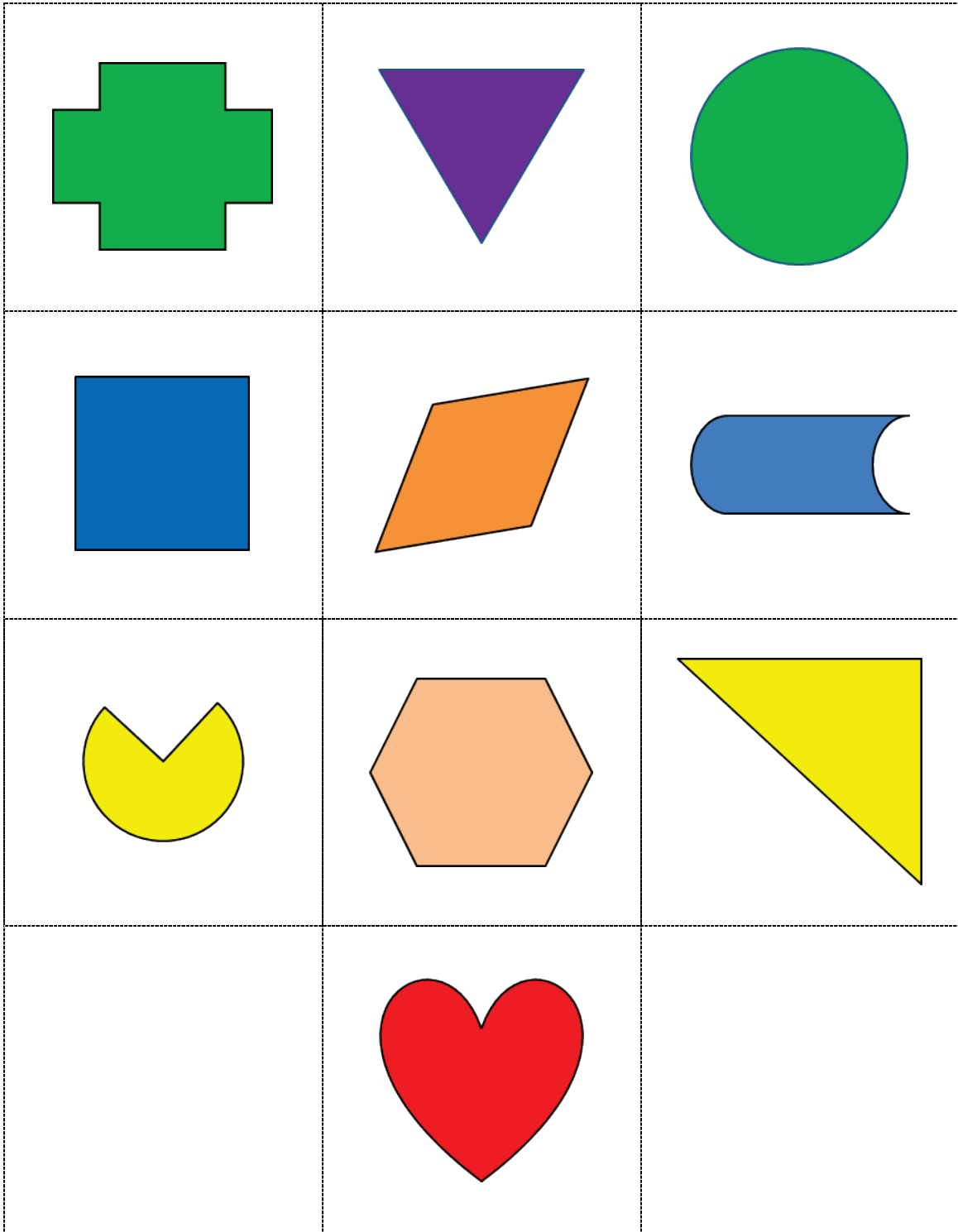
2
second

1
first

3
third

6
sixth

5
fifth



shapes

Name _____

Date _____

Choose 4 shapes to create a new shape in Box 1. Give the same 4 shapes to your partner. Have your partner create a different shape in Box 2.

1

2

Choose 5 shapes to create a new shape in Box 3. Give the same 5 shapes to your partner. Have your partner create a different shape in Box 4.

3

4

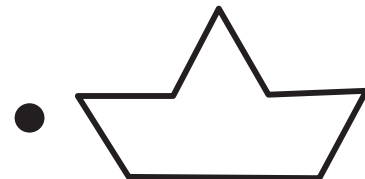
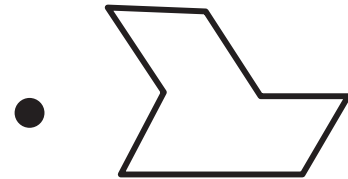
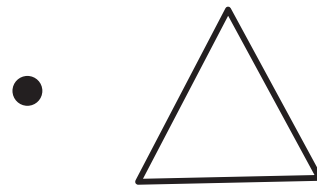
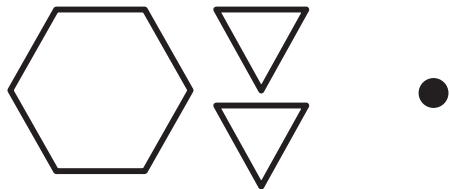
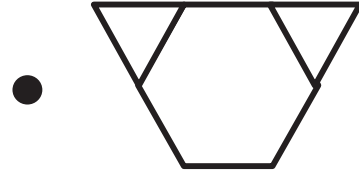
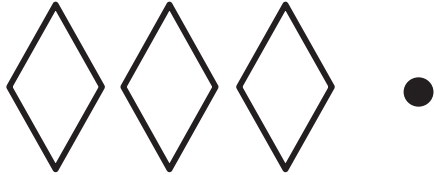
Subtract.

$$5 - 1 = \square \quad 5 - 2 = \square \quad 5 - 3 = \square \quad 5 - 4 = \square$$

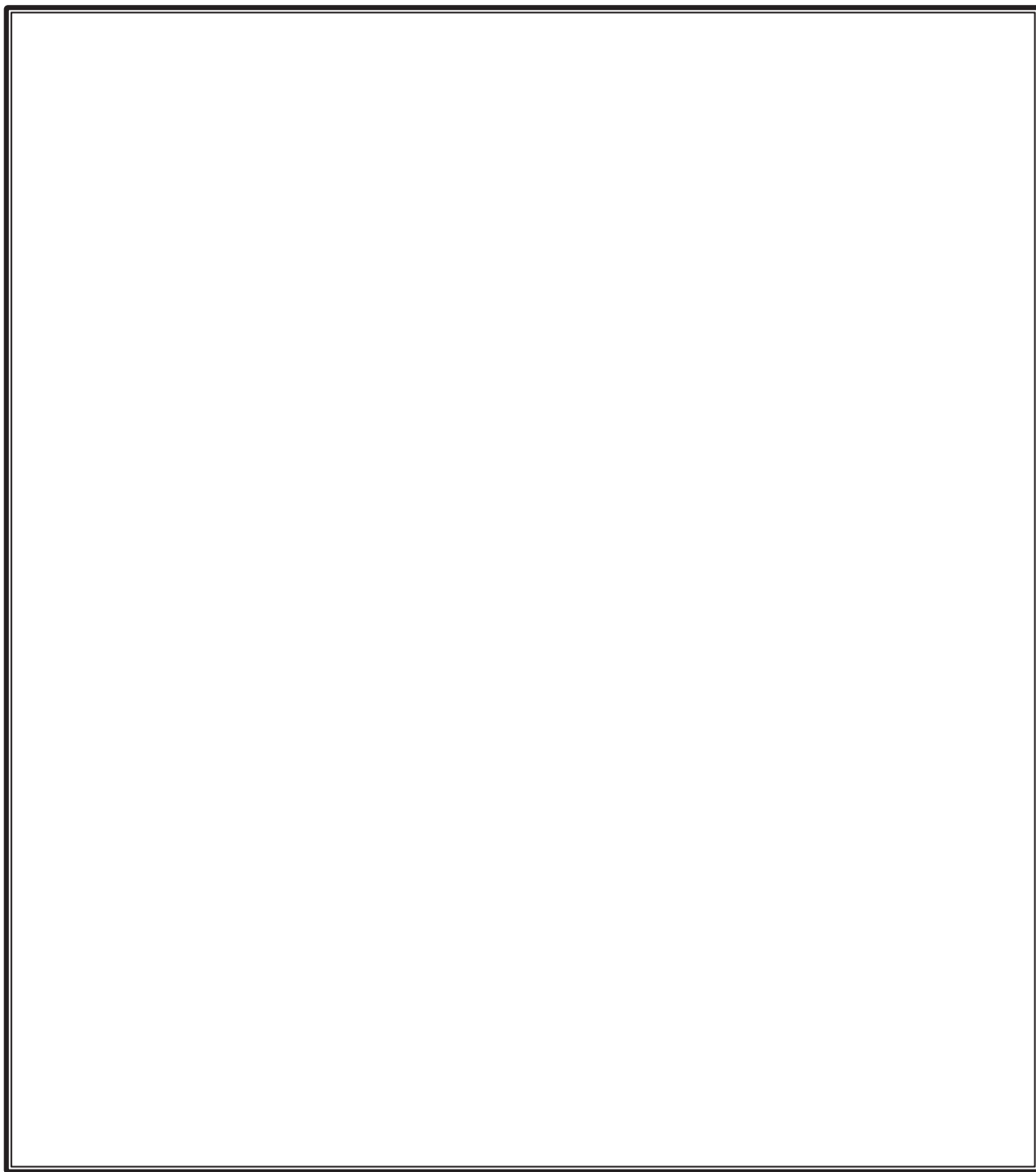
Name _____

Date _____

Match each group of shapes on the left with the new shape they make when they are put together.



I Can Make New Shapes!

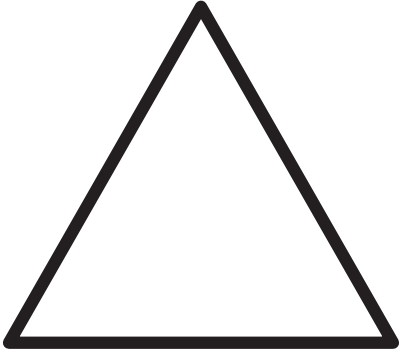
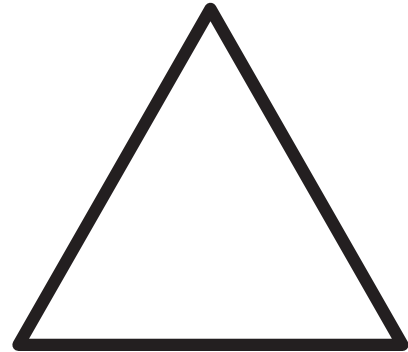


I can make new shapes recording sheet

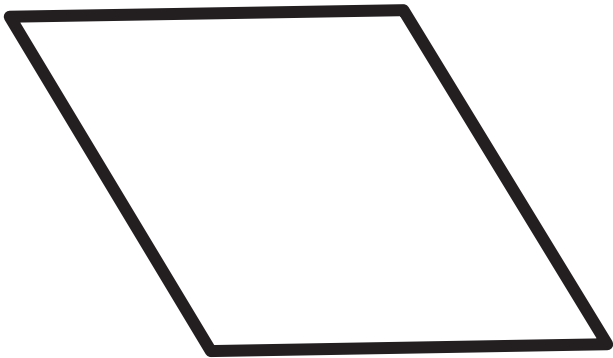
Name _____

Date _____

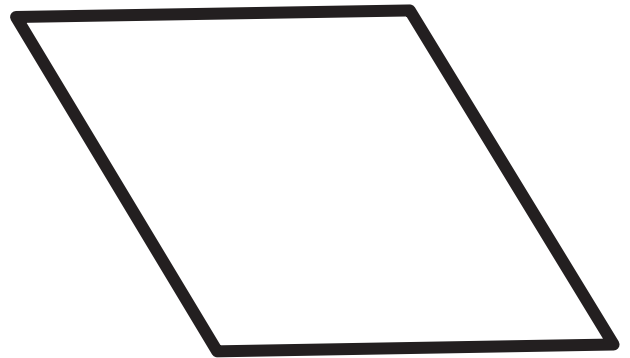
Trace to show 2 ways to make each shape. How many shapes did you use?

I used 3 shapes.

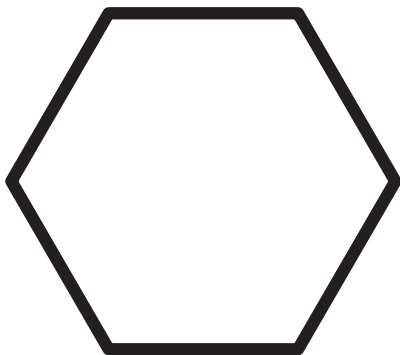
I used _____ shapes.



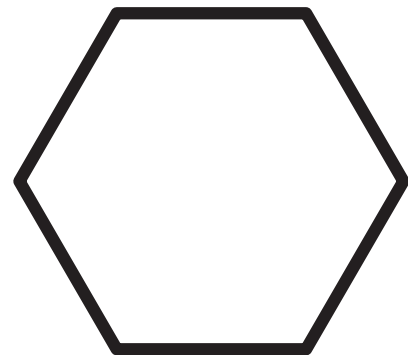
I used _____ shapes.



I used _____ shapes.

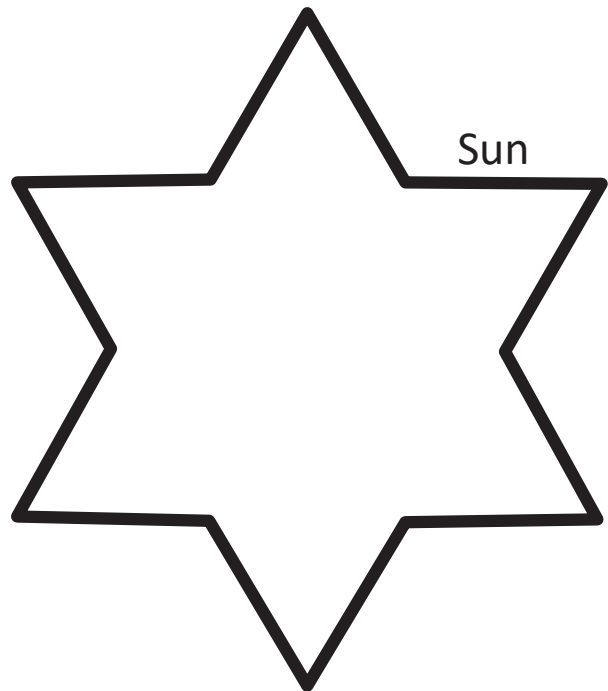
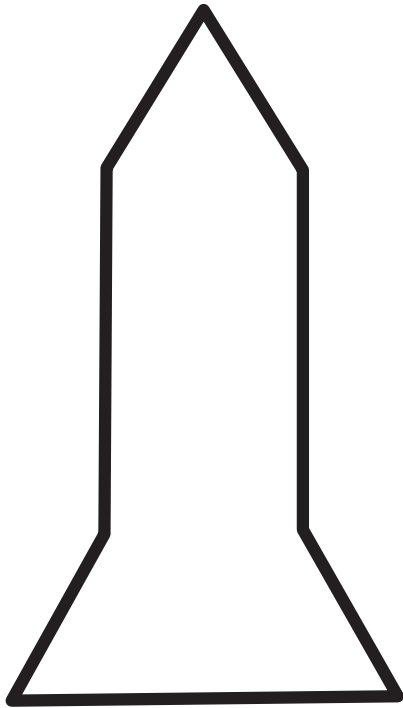
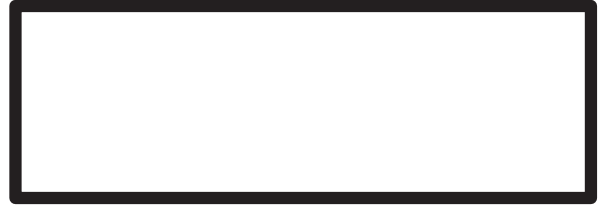


I used _____ shapes.



I used _____ shapes.

Fill in each shape with pattern blocks. Trace to show the shapes you used.

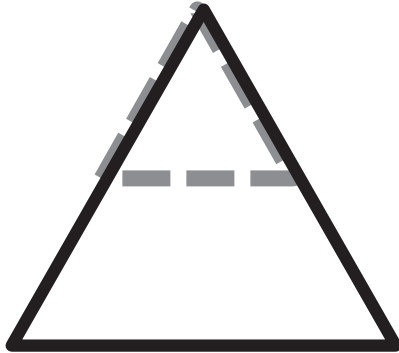


How many different ways can you cover the sun picture with pattern blocks?

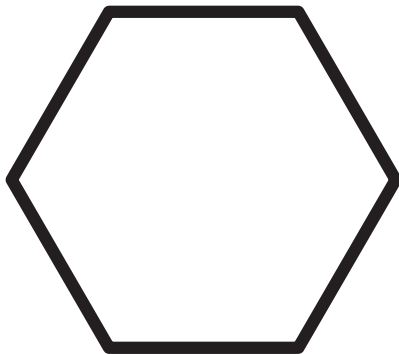
Name _____

Date _____

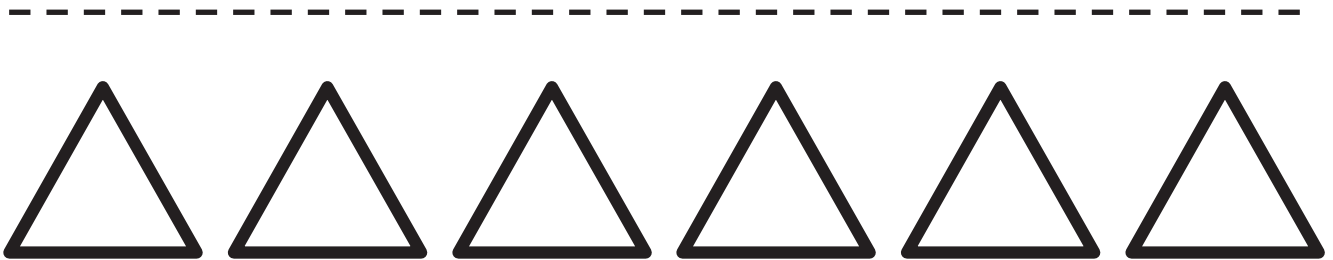
Cut out the triangles at the bottom of the paper. Use the small triangles to make the big shapes. Draw lines to show where the triangles fit. Count how many small triangles you used to make the big shapes.

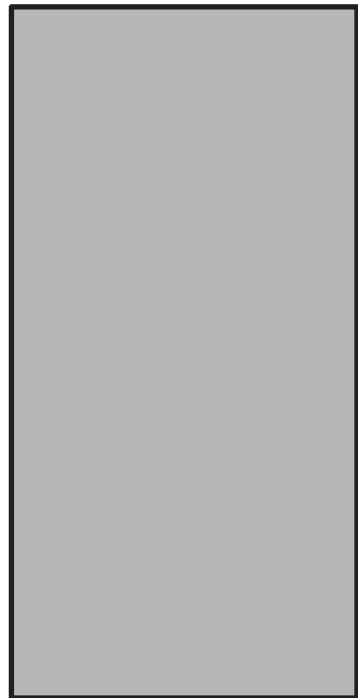
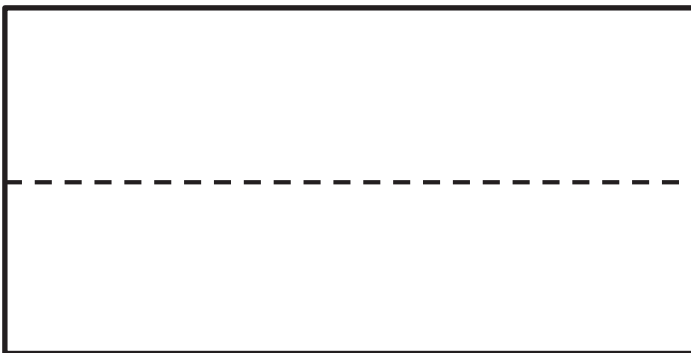
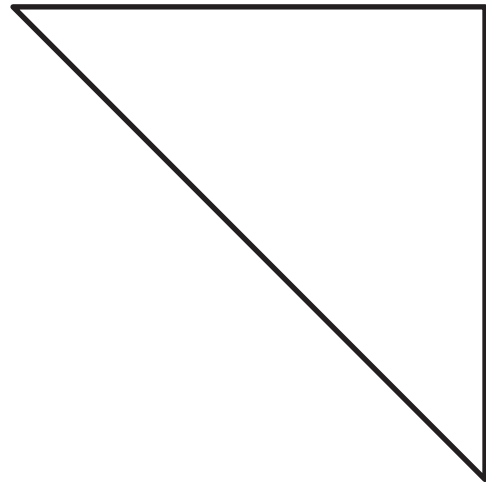
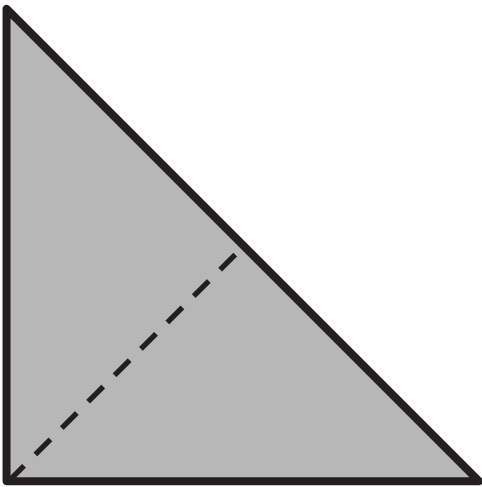
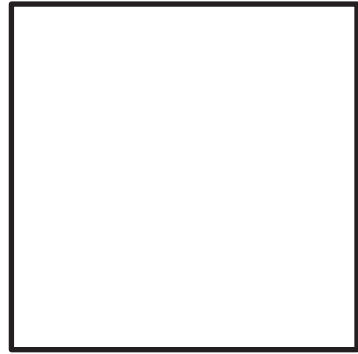
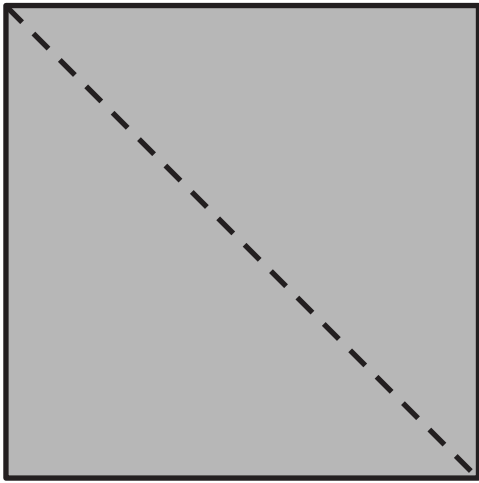


This big triangle is made with _____ small triangles.



This hexagon is made with _____ small triangles.



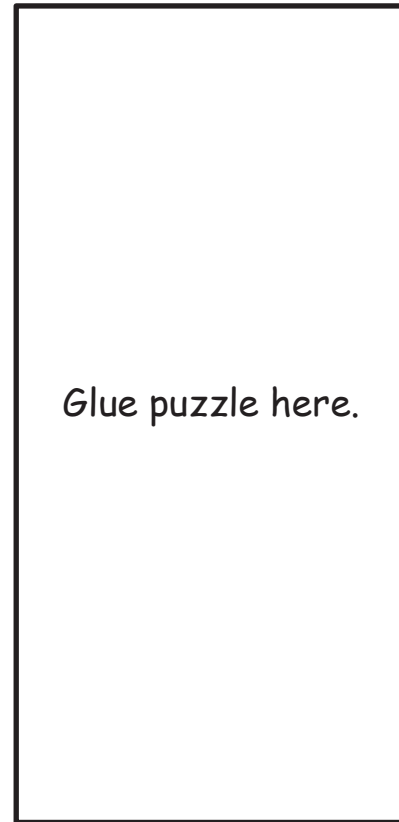
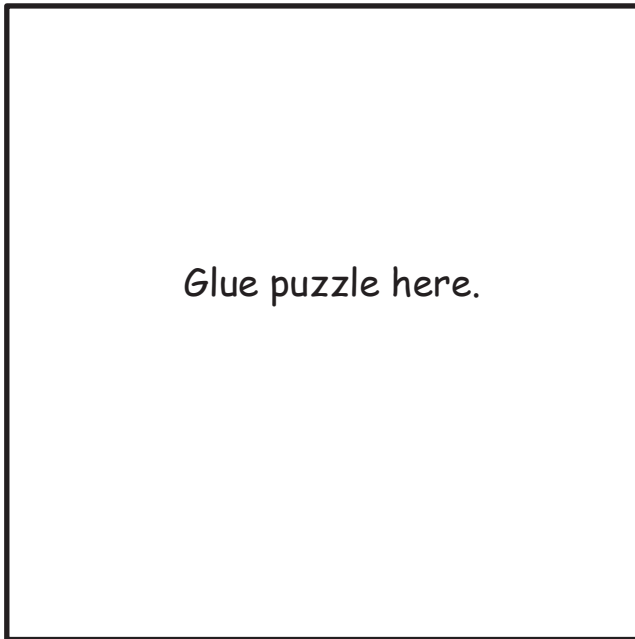


shape sheet

Name _____

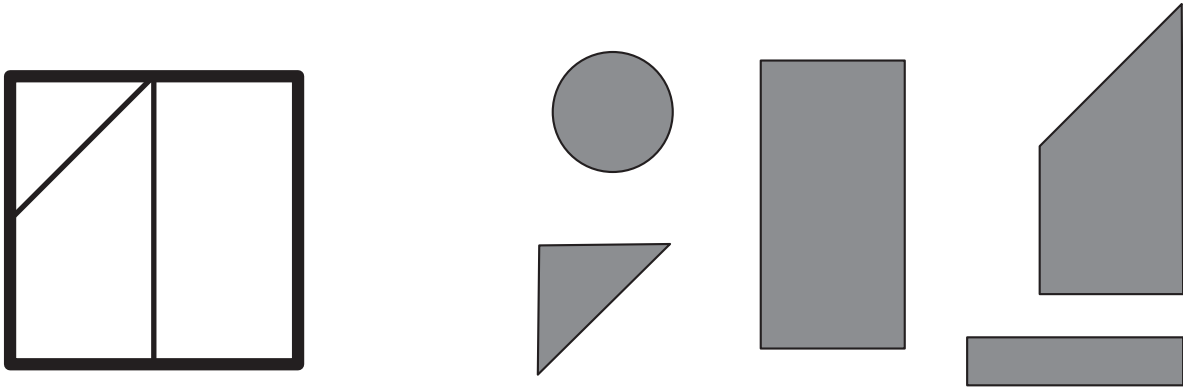
Date _____

Glue your puzzles into the frames.

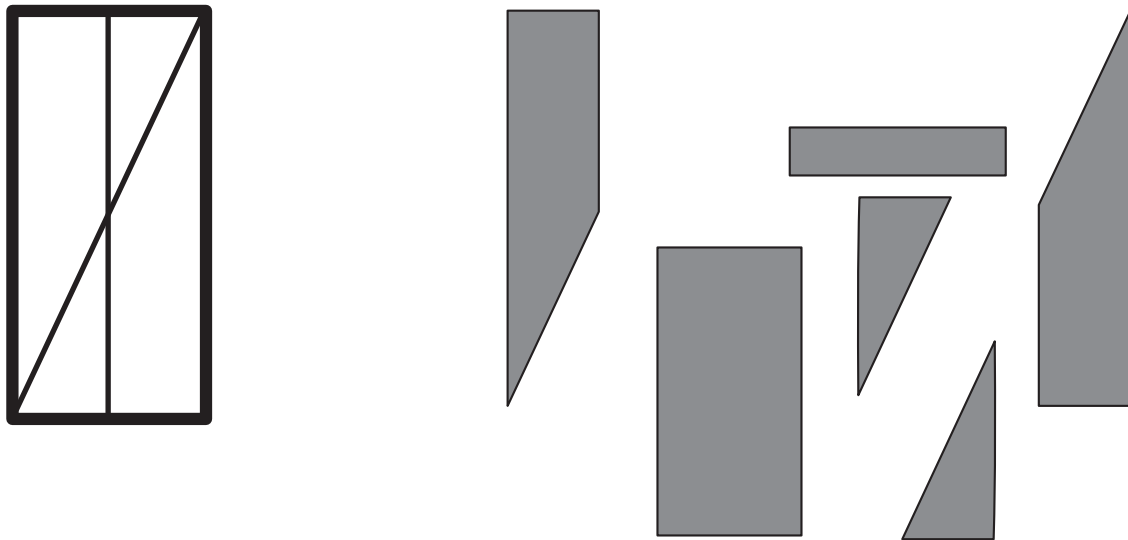


Draw some of the shapes that you had after you cut your rectangles.

Carlos drew 2 lines on his square. You can see his square before he cut it. Circle the shapes Carlos had after he cut.



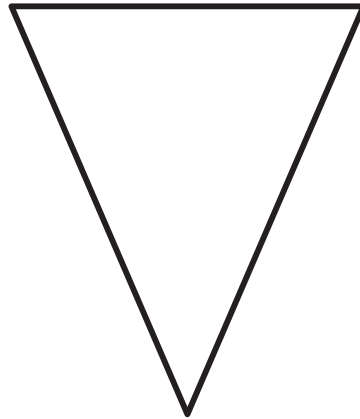
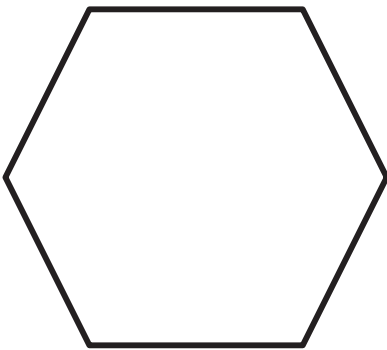
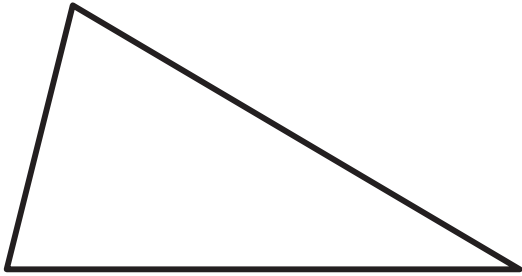
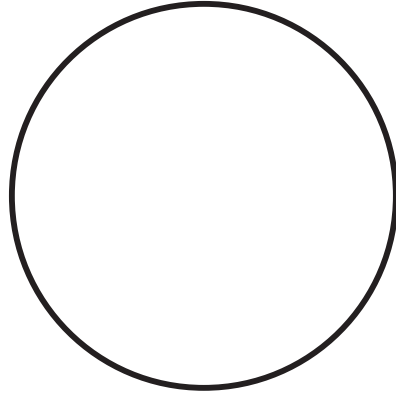
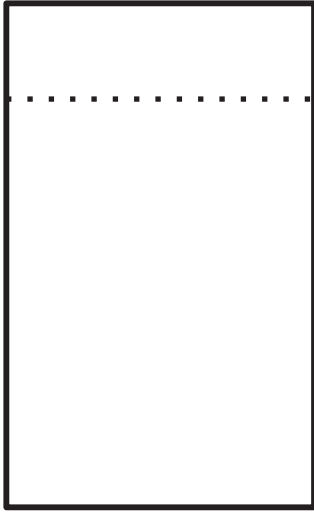
India drew 2 lines on her rectangle. You can see her rectangle before she cut it. Circle the shapes India had after she cut.

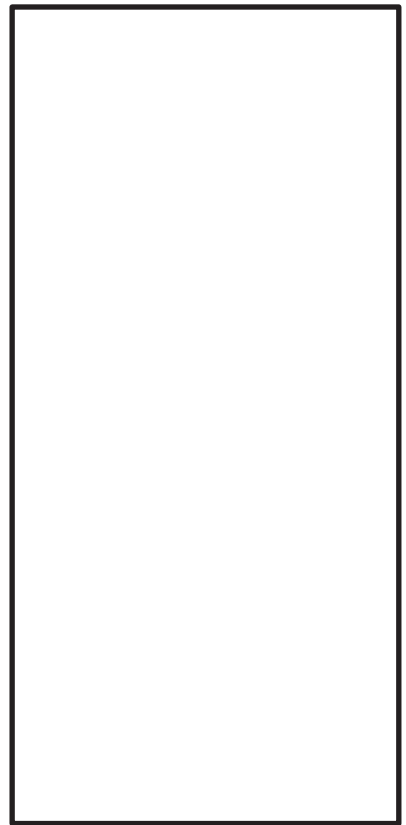
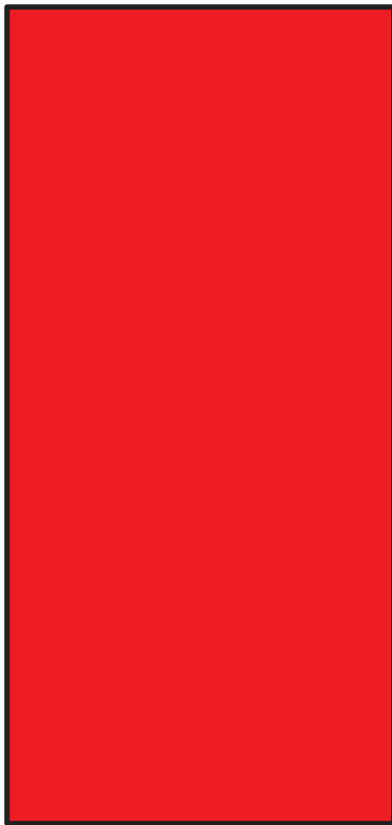
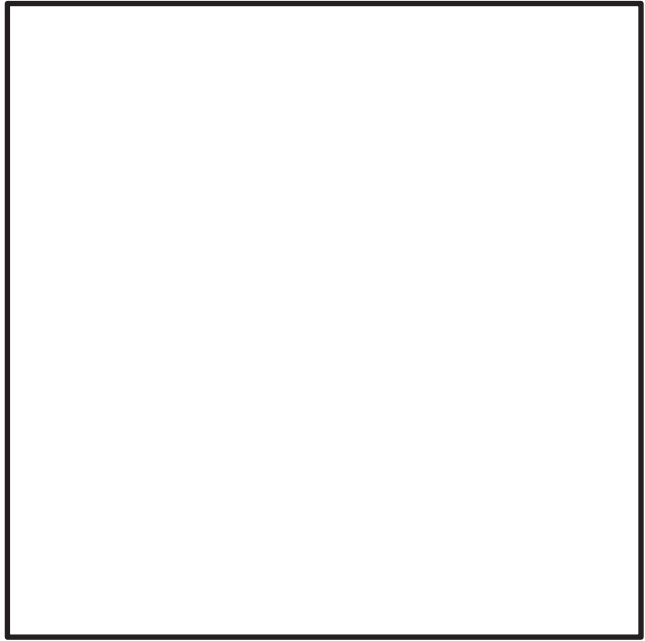
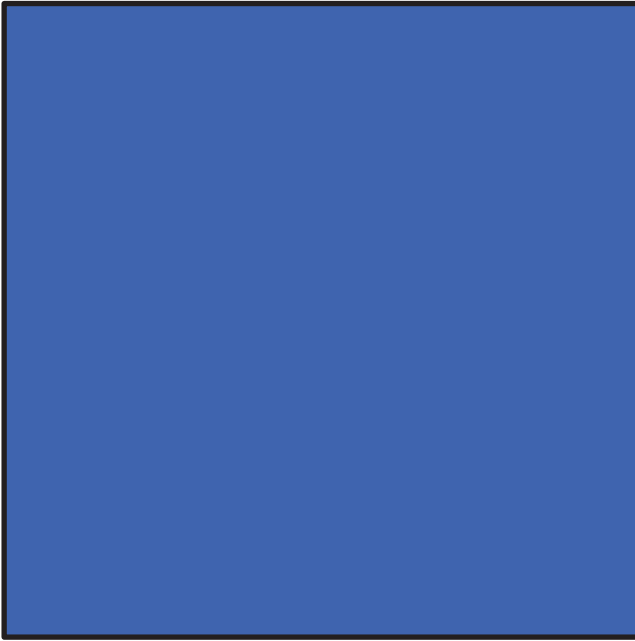


Name _____

Date _____

Using your ruler, draw 2 straight lines from side to side through each shape. The first one has been started for you. Describe to an adult the new shapes you made.





shape puzzle

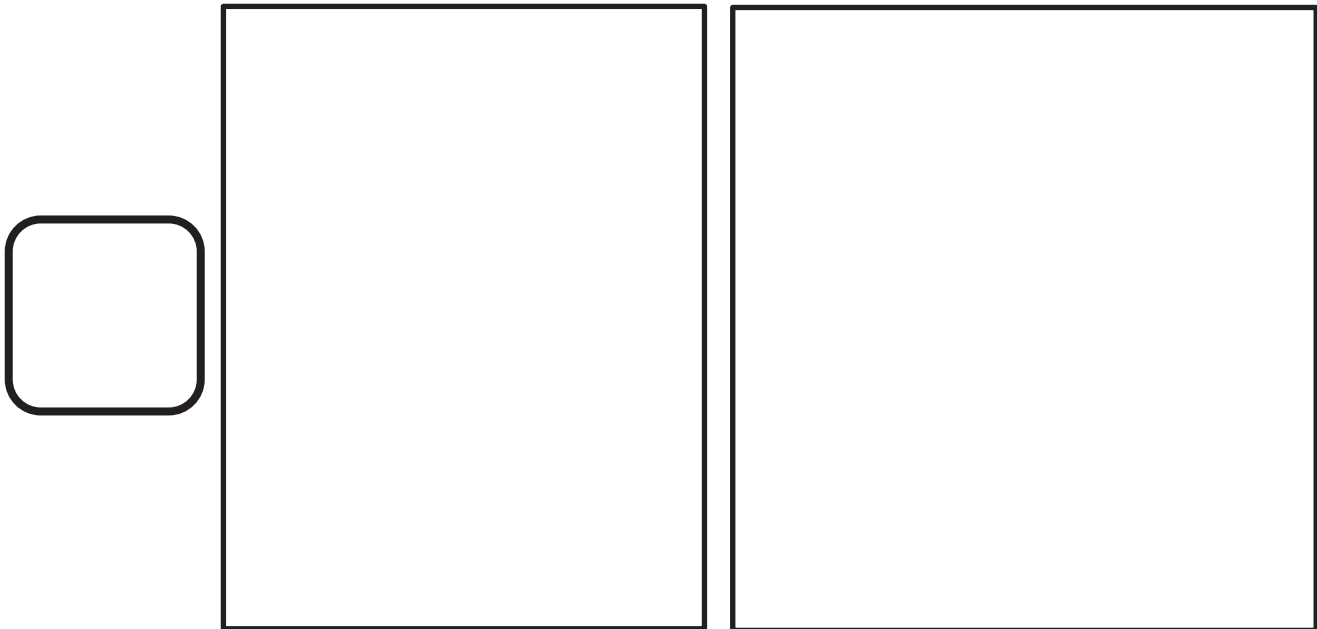
Name _____

Date _____

A. Make-10 Mania: Show how you made 10.

Name _____ Date _____

B. Five-Group Frenzy: Write the number, draw the number in the 5-group way, and draw the number in any other configuration.



Name _____

Date _____

C. Shape Shifters: Choose 5 pattern blocks, and create a shape. Trace your shape, and then trade with a partner.

Name _____

Date _____

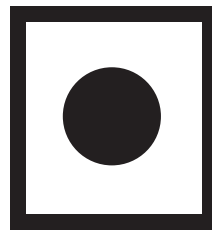
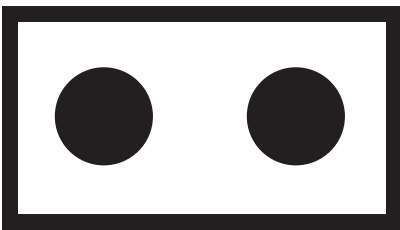
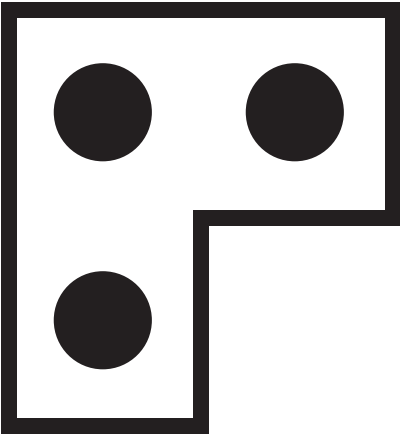
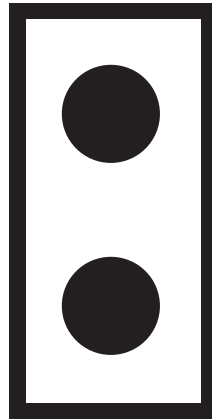
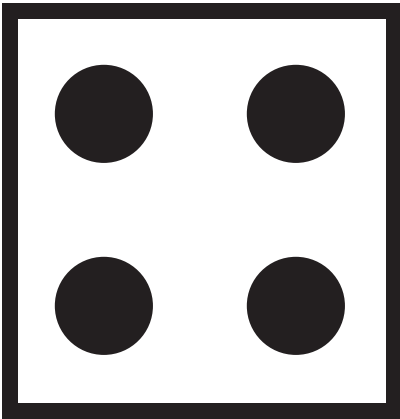
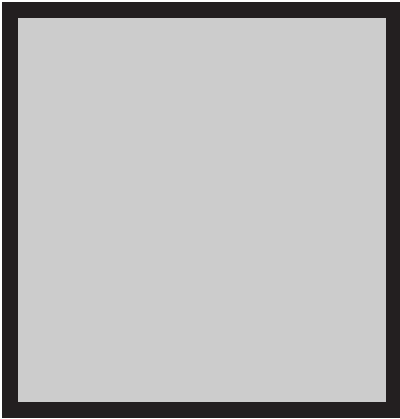
D. The Weigh Station: Choose an object. Guess how many pennies are the same weight as the object. Then, see if you guessed correctly! Draw a picture of the object, and write how many pennies it weighs.

Name _____

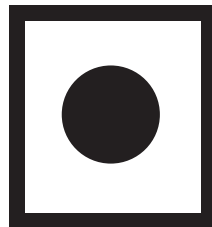
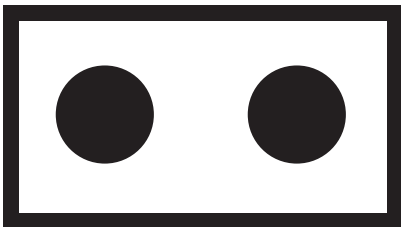
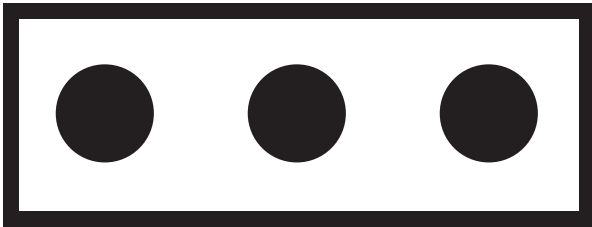
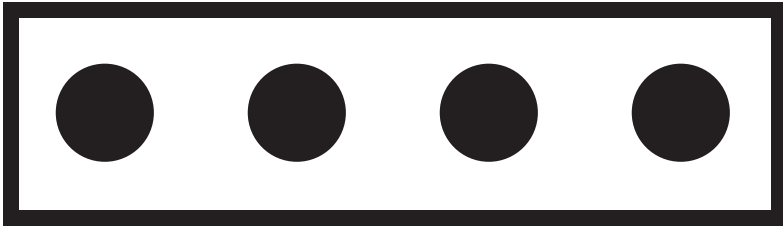
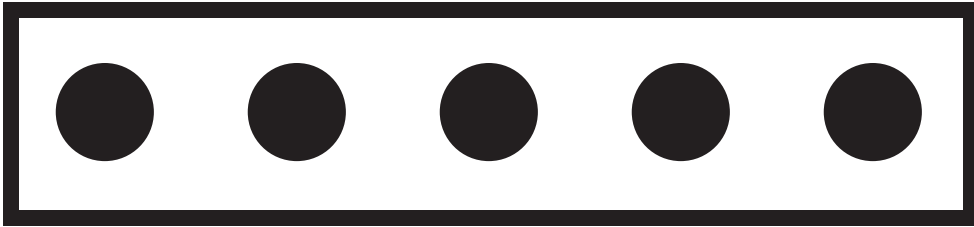
Date _____

E. Awesome Authors: Roll the die. Use the number to create an addition or take-away sentence. Draw a picture, number bond, and number sentence. Share your story with a friend.

Cut Out Packet



4-dot puzzle cards



5-dot puzzle cards