

School-Home Letter

Dear Family,

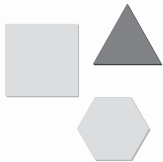
My class started Chapter 12 this week. In this chapter, I will learn how sorting can help me display information.

Love, _____

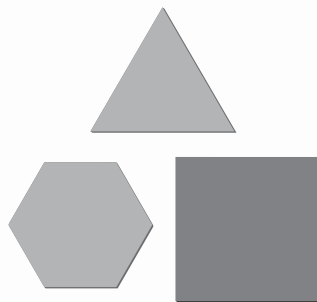
Vocabulary

category

Small



Large



These shapes are sorted and classified into two categories. One category is *small*, and one category is *large*.

Home Activity

Have some fun in the kitchen as your child shows you all about sorting and classifying. Begin by collecting a handful of silverware. Have your child sort and classify it into groups by type of utensil.



Literature

Look for these books at the library. Your child will continue learning while enjoying these great books.

Sorting
by Henry Arthur Pluckrose.
Children's Press,
1995.

Grandma's Button Box
by Linda Williams
Aber.
Kane Press, 2002.

Carta para la casa

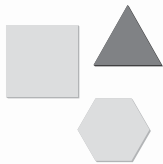
Querida familia:

Mi clase comenzó el Capítulo 12 esta semana. En este capítulo, aprenderé cómo clasificar puede ayudarme a mostrar información.

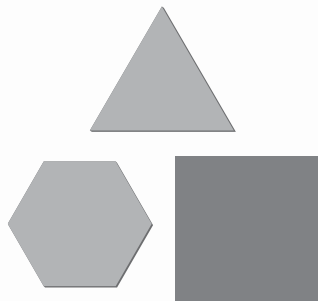
Con cariño, _____

Vocabulario

pequeños



grandes



Estas figuras se clasifican en dos categorías. Una categoría es *pequeños* y la otra categoría es *grandes*.

Actividad para la casa

Diviértanse en la cocina mientras su hijo le muestra todo sobre cómo clasificar. Comience por tomar algunos cubiertos. Pídale a su hijo que los clasifique en grupos según el tipo de utensilio.



Literatura

Busque este libro en la biblioteca. Su hijo seguirá aprendiendo mientras disfruta de este excelente libro.

Sorting

por Henry Arthur Pluckrose.
Children's Press,
1995.

Grandma's Button Box

por Linda Williams
Aber.
Kane Press, 2002

Name _____

HANDS ON Lesson 12.1

Algebra • Classify and Count by Color



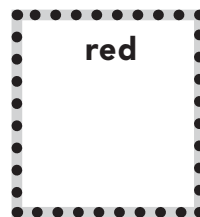
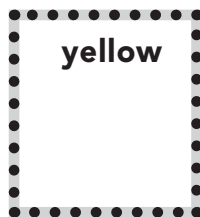
COMMON CORE STANDARD—K.MD.3
*Classify objects and count the number of
objects in each category.*



yellow	red
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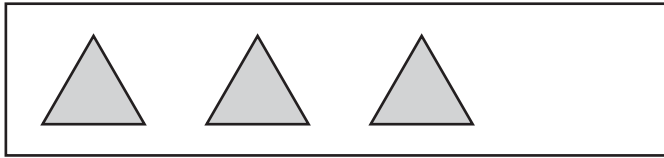
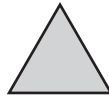
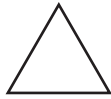
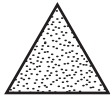


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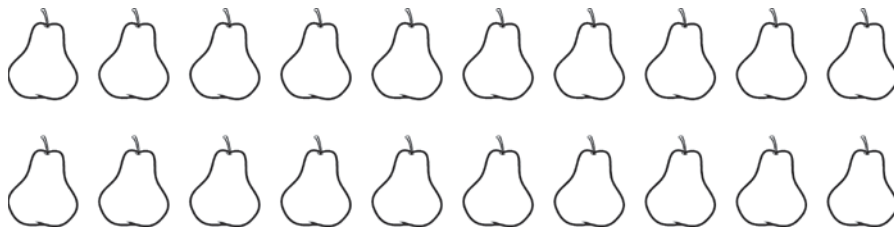
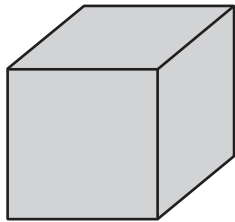


DIRECTIONS 1. Place a yellow square, red triangle, red rectangle, yellow square, and red triangle at the top of the page as shown. Sort and classify the shapes by the category of color. Draw and color the shapes in each category. 2. Look at the categories in Exercise 1. Count how many in each category. Circle the category that has 3 shapes. Write the number.

Lesson Check (K.MD.3)



Spiral Review (K.CC.3, K.G.4)



DIRECTIONS 1. Look at the set of shapes. Which shape belongs in the same category? Draw that shape in the box and color it. How many shapes are in the category now? Write the number. 2. Which shape does not stack? Mark an X on the shape. 3. Count and tell how many pieces of fruit. Write the number.

Name _____

HANDS ON Lesson 12.2

Algebra • Classify and Count by Shape



COMMON CORE STANDARD—K.MD.3
*Classify objects and count the number of
objects in each category.*



triangle

circle



2



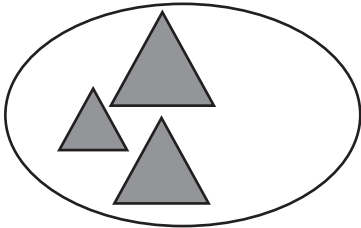
triangle

circle



DIRECTIONS 1. Place a green triangle, blue circle, red triangle and blue circle at the top of the page as shown. Sort and classify the shapes by the category of shape. Draw and color the shapes in each category. 2. Look at the categories in Exercise 1. Count how many in each category. Circle the categories that have two shapes. Write the number.

Lesson Check (K.MD.3)



Spiral Review (K.OA.3, K.MD.2)



5





DIRECTIONS 1. Look at the set of shapes. Which shape belongs in the same category? Draw that shape in the oval. How many shapes are in the category now? Write the number. 2. Find two crayons. Place one end of each crayon on the line. Compare the lengths. Draw the crayons. Say *longer than*, *shorter than*, or *about the same length* to describe the lengths. Circle the longer crayon. 3. Complete the addition sentence to show the numbers that match the cube train.

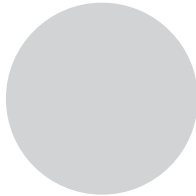
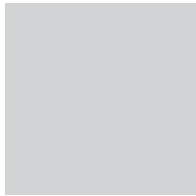
Name _____

HANDS ON Lesson 12.3

Algebra • Classify and Count by Size

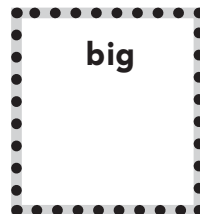


COMMON CORE STANDARD—K.MD.3
*Classify objects and count the number of
objects in each category.*



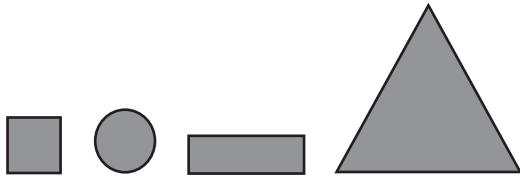
small

big



DIRECTIONS 1. Place a yellow square, blue circle, red rectangle, and blue rectangle at the top of the page as shown. Sort and classify the shapes by the category of size. Draw and color the shapes in each category. 2. Look at the categories in Exercise 1. Count how many in each category. Circle the category that has one per category. Write the number.

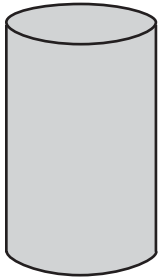
Lesson Check (K.MD.3)

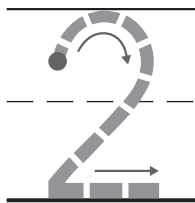
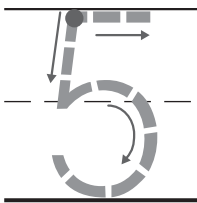


small

big

Spiral Review (K.OA.5, K.G.2)





DIRECTIONS 1. Sort and classify the shapes by the category of size. Draw the shapes in each category. 2. How many flat surfaces does the cylinder have? Write the number. 3. Sarah makes a five-cube train. She takes the cube train apart to show how many cubes are gray. Trace and write to show the subtraction sentence for Sarah's cube train.

Name _____

HANDS ON Lesson 12.4

Make a Concrete Graph

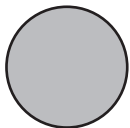


COMMON CORE STANDARD—K.MD.3

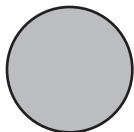
Classify objects and count the number of objects in each category.

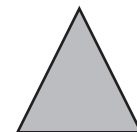


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Circles and Triangles					





DIRECTIONS 1. Place a handful of green circles and triangles on the workspace. Sort and classify the shapes by category. 2. Move the shapes to the graph. Draw and color the shapes. 3. Write how many of each shape.

Lesson Check (K.MD.3)

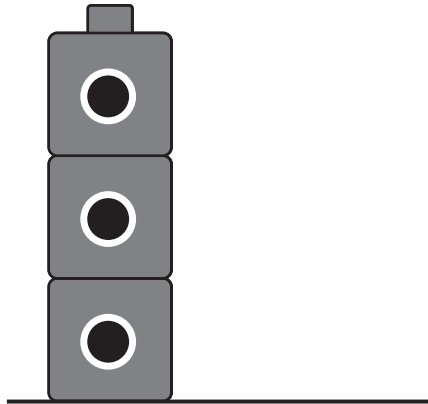


Triangles and Squares				





Spiral Review (K.CC.3, K.MD.2)





DIRECTIONS 1. Look at the shapes. Draw and color the shapes in the graph. Write how many of each shape. 2. Make a cube train that is about the same height as the cube train shown. Draw and color the cube train. 3. How many tiles are there? Write the number.

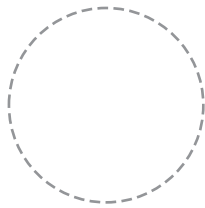
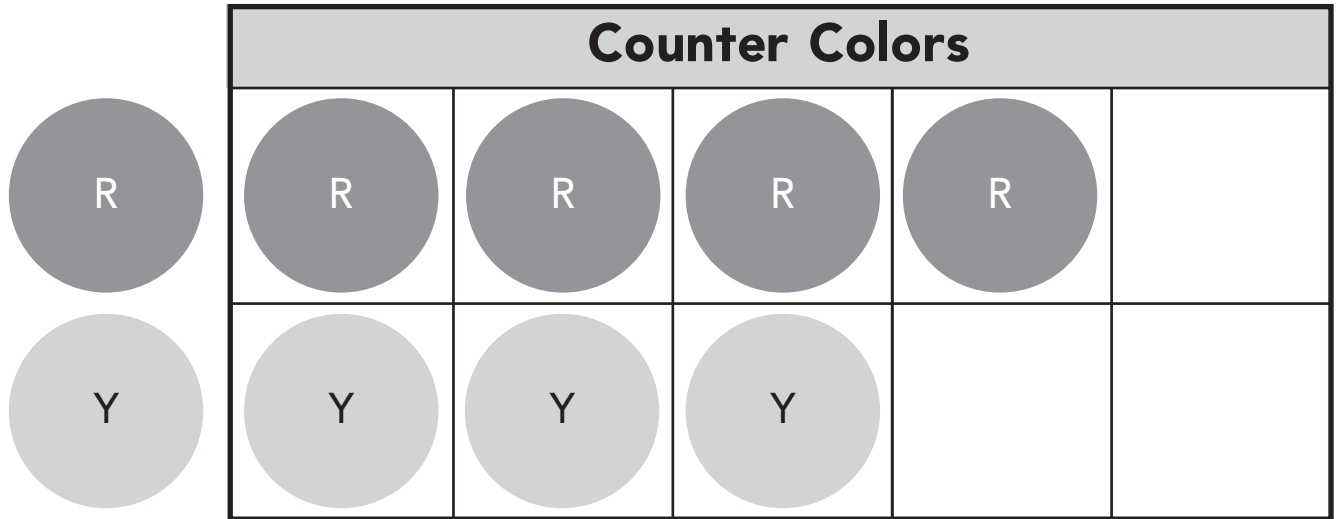
Name _____

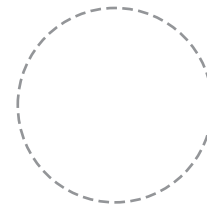
Lesson 12.5

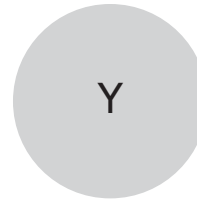
Read a Graph



COMMON CORE STANDARD—K.MD.3
Classify objects and count the number of objects in each category.







DIRECTIONS 1. Color the counters to show the categories. R is for red, and Y is for yellow. How many counters are in each category? Write the numbers. 2. Circle the category that has more counters on the graph.

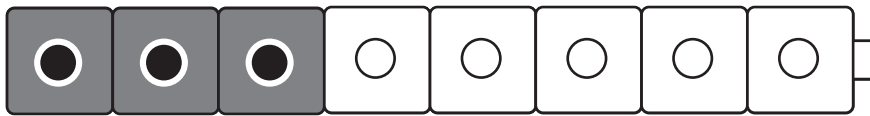
Lesson Check (K.MD.3)



Counter Colors				

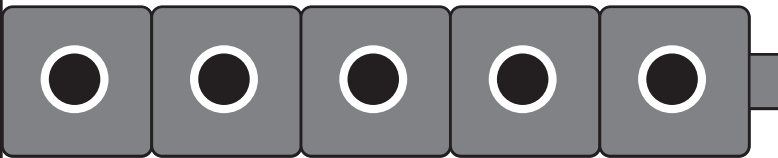
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Spiral Review (K.OA.3, K.MD.2)



8

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DIRECTIONS 1. How many counters are in each category? Write the numbers. Circle the category that has more counters. 2. Complete the addition sentence to show the numbers that match the cube train. 3. Make a cube train that is about the same length as the cube train shown. Draw and color the cube train.