

School-Home Letter

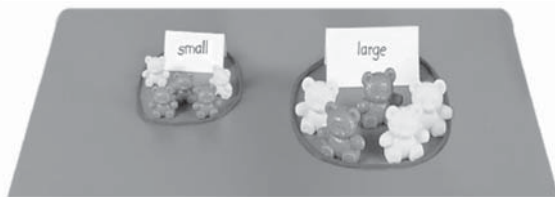
Dear Family,

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

Love, _____

Vocabulary

category



These bears 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.

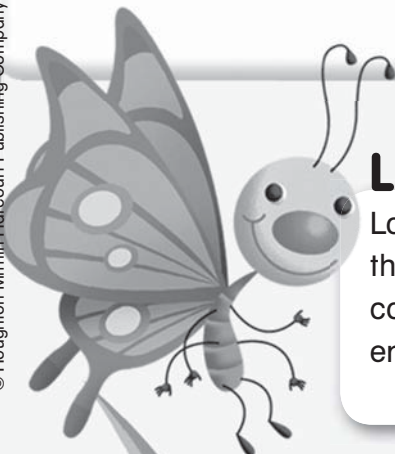


Literature

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

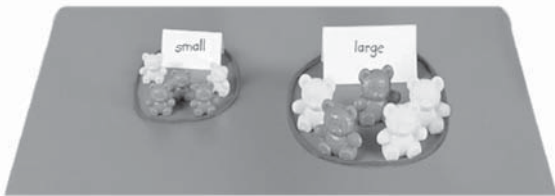
Querida familia:

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

Con cariño, _____

Vocabulario

categoria



Estos osos se clasifican en dos categorías. Una categoría es *osos pequeños* y la otra categoría es *osos 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



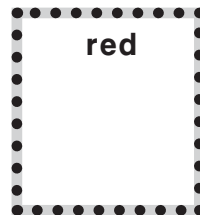
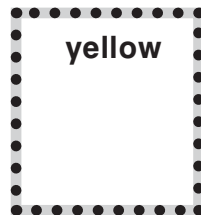
COMMON CORE STANDARD MACC.K.MD.2.3
Classify objects and count the number of
objects in each category.



yellow	red
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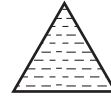
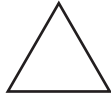
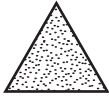
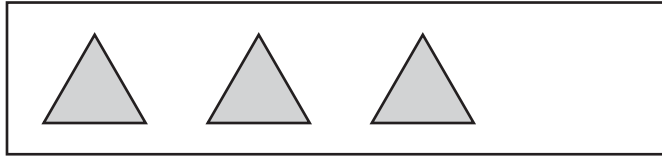


3

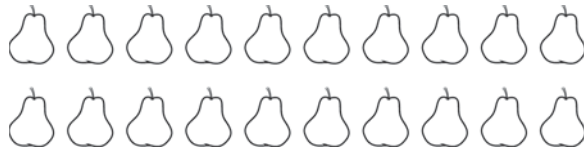
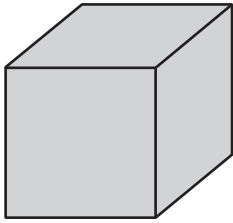


DIRECTIONS 1. Place a yellow square, red triangle, red rectangle, yellow square, and red triangle at the top of the page as shown. Sort and classify the shapes by the category of color. Draw and color the shapes in each category. 2. Look at the categories in Exercise 1. Count how many in each category.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

Lesson Check (MACC.K.MD.2.3)



Spiral Review (MACC.K.CC.1.3, MACC.K.G.2.4)



20



19



18



17



DIRECTIONS 1. Look at the set of shapes. Which shape belongs in the same category? Mark under your answer. (Lesson 12.1) 2. Which shape does not stack? Mark under your answer. (Lesson 10.1) 3. Count and tell how many pieces of fruit. Mark under your answer. (Lesson 8.2)

Name _____

HANDS ON Lesson 12.2

Algebra • Classify and Count by Shape

COMMON CORE STANDARD MACC.K.MD.2.3
Classify objects and count the number of
objects in each category.



triangle

circle



2



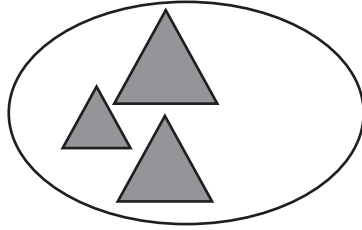
triangle

circle

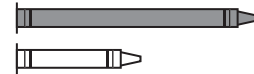
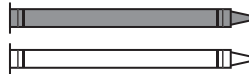
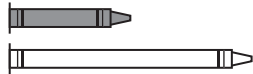


DIRECTIONS 1. Place a green triangle, blue circle, red triangle and blue circle at the top of the page as shown. Sort and classify the shapes by the category of shape. Draw and color the shapes in each category. 2. Look at the categories in Exercise 1. Count how many in each category. Circle the categories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

Lesson Check (MACC.K.MD.2.3)



Spiral Review (MACC.K.OA.1.3, MACC.K.MD.1.2)



$5 = 1 + 4$

$6 = 2 + 4$

$5 = 2 + 3$

$6 = 5 + 1$

DIRECTIONS 1. Look at the set of shapes. Which shape belongs in the same category? Mark under your answer. (Lesson 12.2) 2. Which picture shows that the gray crayon is shorter than the white crayon? Mark under your answer. (Lesson 11.3) 3. Which addition sentence shows a number pair that matches the cube train? Mark beside your answer. (Lesson 5.8)

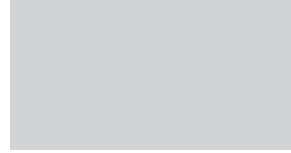
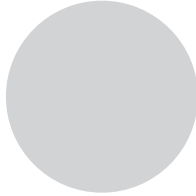
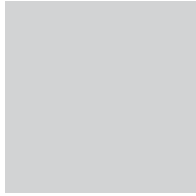
Name _____

HANDS ON Lesson 12.3

Algebra • Classify and Count by Size

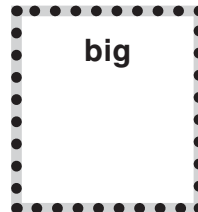


COMMON CORE STANDARD MACC.K.MD.2.3
Classify objects and count the number of objects in each category.



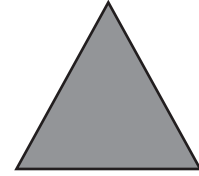
small

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 (MACC.K.MD.2.3)



Spiral Review (MACC.K.OA.1.5, MACC.K.G.1.2)



1



2



3



4



$5 - 3 = 2$

$4 - 3 = 1$

$5 - 1 = 4$

$4 - 1 = 3$

DIRECTIONS 1. Look at the size of the shapes. Mark under the shape that does not belong. (Lesson 12.3) 2. How many flat surfaces does the cylinder have? Mark under your answer. (Lesson 10.4) 3. Sarah makes the cube train shown. She takes the cube train apart to show how many cubes are gray. Mark under the subtraction sentence that shows Sarah's cube train. (Lesson 6.4)

Name _____

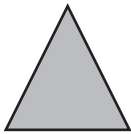
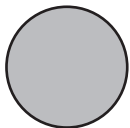
Make a Concrete Graph



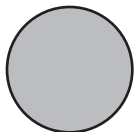
COMMON CORE STANDARD MACC.K.MD.2.3
Classify objects and count the number of objects in each category.

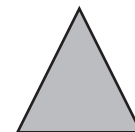


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Circles and Triangles					



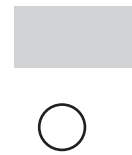


DIRECTIONS 1. Place a handful of green circles and triangles on the workspace. Sort and classify the shapes by category. 2. Move the shapes to the graph. Draw and color the shapes. 3. Write how many of each shape.

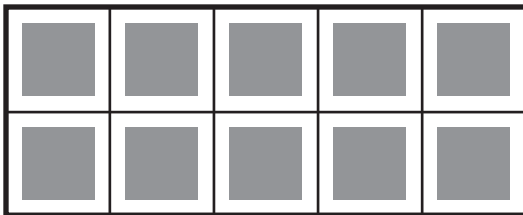
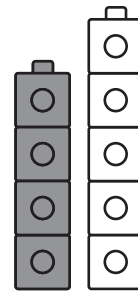
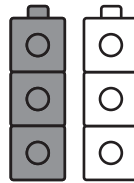
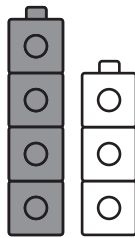
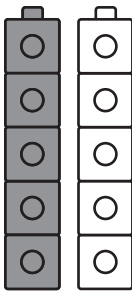
Lesson Check (MACC.K.MD.2.3)



Triangles and Squares				



Spiral Review (MACC.K.CC.1.3, MACC.K.MD.1.2)



11



12



13



14

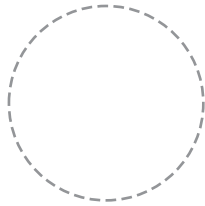
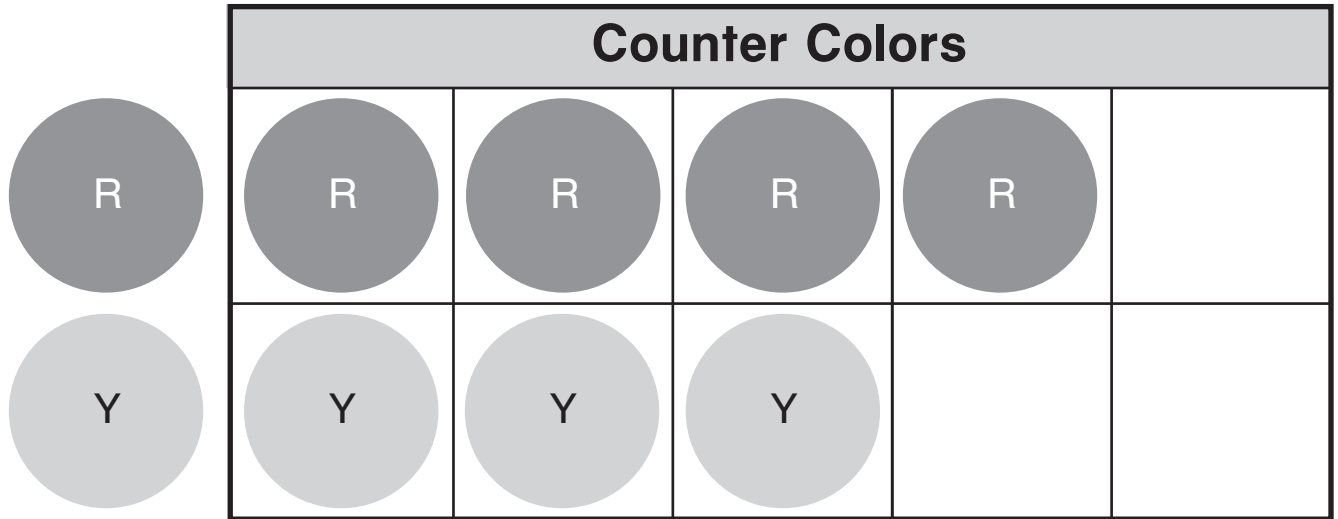


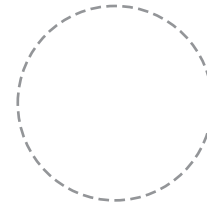
DIRECTIONS 1. Which row has five shapes? Mark under your answer. (Lesson 12.4)
 2. Which picture shows that the gray cube tower is shorter than the white cube tower? Mark under your answer. (Lesson 11.2) 3. How many tiles are there? Mark under your answer (Lesson 7.4)

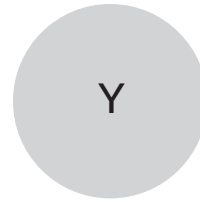
Read a Graph



COMMON CORE STANDARD MACC.K.MD.2.3
Classify objects and count the number of objects in each category.





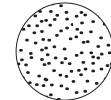


DIRECTIONS 1. Color the counters to show the categories. R is for red, and Y is for yellow. How many counters are in each category? Write the numbers. 2. Circle the category that has more counters on the graph.

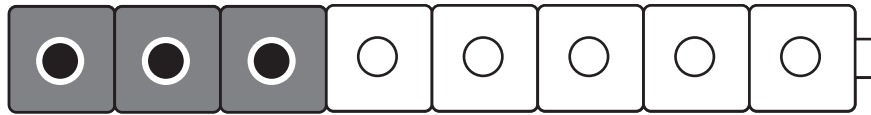
Lesson Check (MACC.K.MD.2.3)



Counter Colors				



Spiral Review (MACC.K.OA.1.3, MACC.K.MD.1.2)

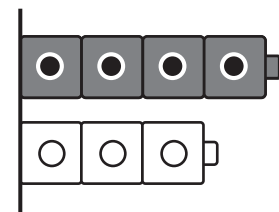
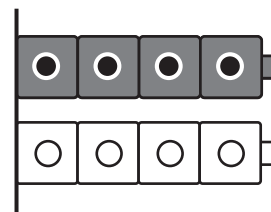
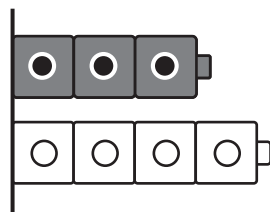
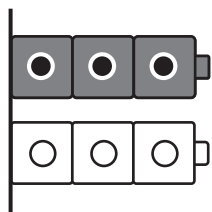


$7 = 3 + 4$

$8 = 3 + 5$

$7 = 6 + 1$

$8 = 6 + 2$



DIRECTIONS 1. Which category has more counters? Mark under your answer. (Lesson 12.5) 2. Which addition sentence shows a numbers pair that matches the cube train? Mark beside your answer. (Lesson 5.10) 3. In which picture is the gray cube train shorter than the white cube train? (Lesson 11.1)

Name _____











PROBLEM SOLVING

Lesson 12.6



Problem Solving • Sort and Count







COMMON CORE STANDARD MACC.K.MD.2.3
Classify objects and count the number of objects in each category.

	big	small
		 
	 	  



_____		_____	_____
-----		-----	
_____		_____	_____
big		small	all



_____		_____	_____
-----		-----	
_____		_____	_____
			all

DIRECTIONS Explain how the shapes are sorted. **1.** How many big and small shapes are shown? Write and trace to complete the addition sentence. **2.** How many rectangles and triangles are shown? Write and trace to complete the addition sentence.

Lesson Check (MACC.K.MD.2.3)



circle					
triangle					

1



3



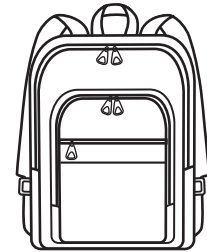
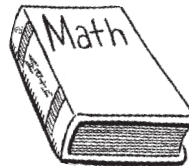
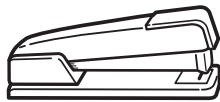
5



8



Spiral Review (MACC.K.CC.1.2, MACC.K.MD.1.2)



17, 19, 20, 18

18, 19, 17, 20

17, 18, 19, 20

20, 19, 17, 18

- DIRECTIONS**
1. Look at the shapes on the sorting mat. Which number shows how many circles and triangles there are in all? Mark under your answer. (Lesson 12.6)
 2. Which object is lighter than the marker? Mark under your answer. (Lesson 11.4)
 3. Which set of numbers is in order? Mark beside your answer. (Lesson 8.3)

Name _____

Chapter 12 Extra Practice

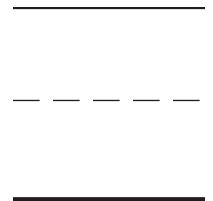
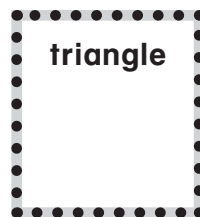
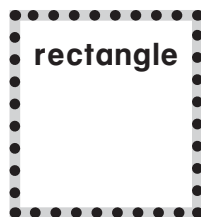
Lessons 12.1–12.3 (pp. 235–240)


rectangle

triangle

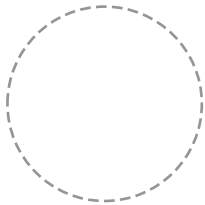
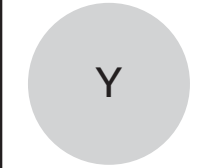
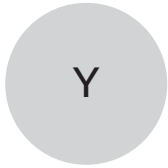


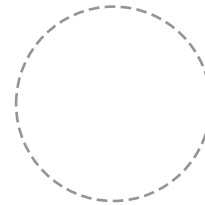
2



DIRECTIONS 1. Place a red triangle, red rectangle, green triangle, red triangle, and blue rectangle 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. Look at the categories in Exercise 1. Count how many in each category. 2. Circle the category that has two shapes. Write the number.

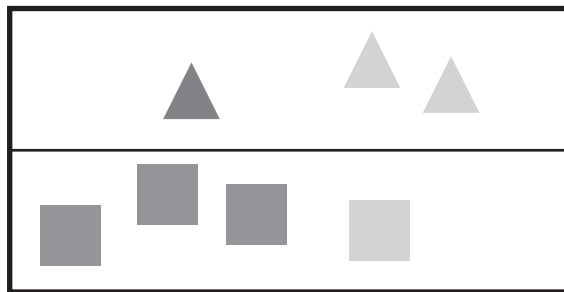
Counter Colors







triangle



square







all

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. Look at the sorting mat. How are the shapes sorted? How many triangles are shown? How many squares are shown? Add the two sets. Write the numbers and trace the symbols to complete the addition sentence.