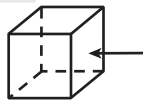# School-Home
Letter

Dear Family,

My class started Chapter 11 this week. In this chapter, I will learn about three-dimensional shapes. I will learn how to make objects and larger shapes from other shapes.
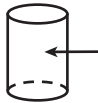
Love, _____

Vocabulary

**flat surface**

curved surface

Home Activity

Use a paper towel roll (cylinder), a tennis ball (sphere), a cube-shaped box or building block (cube), and a book (rectangular prism). Build objects using these or other household items of the same shapes. Have children name each shape used in the objects you make.

Literature

Look for these books in a library. Point out shapes and how they can be found in everyday objects.

The Greedy Triangle
Marilyn Burns. Scholastic, 2008.

Captain Invincible and the Space Shapes
Stuart J. Murphy. HarperCollins Publishers, 2001.
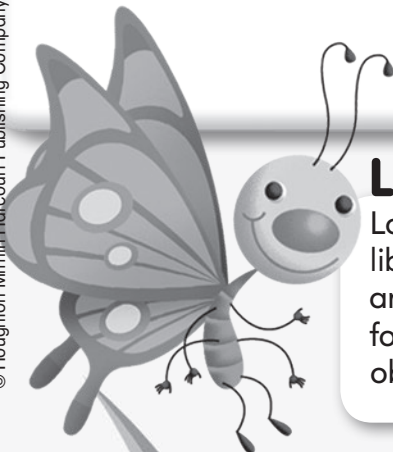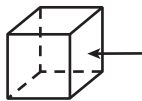
Carta
para la casa

Querida familia:

Mi clase comenzó el Capítulo 11 esta semana. En este capítulo, aprenderé sobre las figuras tridimensionales. Aprenderé a hacer objetos y figuras más grandes tomando como base otras figuras.
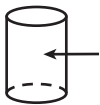
Con cariño, _____

Vocabulario

superficie plana

superficie curva

Actividad para la casa

Use un rollo de papel (cilindro), una pelota de tenis (esfera), una caja con forma de cubo o un bloque de construcción (cubo) y un libro (prisma rectangular). Construya objetos usando estas u otras cosas con formas similares que encuentre en la casa. Pídale a su hijo que nombre cada figura usada en los objetos que usted haga.

Literatura

Busque estos libros en una biblioteca. Señale las figuras y muestre a su hijo cómo las puede encontrar en los objetos que ve a diario.

The Greedy Triangle
por Marilyn Burns. Scholastic, 2008.

Captain Invincible and the Space Shapes
por Stuart J. Murphy. HarperCollins Publishers, 2001.

Three-Dimensional Shapes

COMMON CORE STANDARD—1.G.1
Reason with shapes and their attributes.

**Use three-dimensional shapes.
Write the number of flat surfaces
for each shape.**

1. A cylinder has __ flat surfaces.

· ·

2. A rectangular prism has __ flat surfaces.

· ·

3. A cone has __ flat surface.

· ·

4. A cube has __ flat surfaces.

· ·

Problem Solving Real World

5. Circle the object that matches the clue.
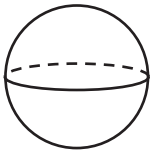Mike finds an object that has only a curved surface.

Lesson Check (1.G.1)

I. Circle the shape that has both flat
and curved surfaces.
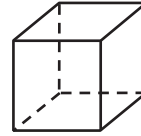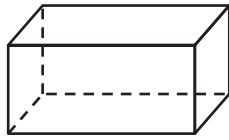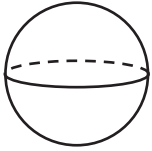
2. Circle the shape that has only a
curved surface.
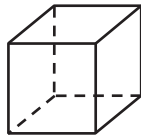
Spiral Review (1.OA.1, 1.NBT.1)

3. Count forward. Write the number
that is missing.

$$109, \ 110, \ 111, \ \underline{\hspace{1cm}}, \ 113$$

4. What is the sum of 2 and 3?
Write the number sentence.

$$\underline{\hspace{0.5cm}} \bigcirc \underline{\hspace{0.5cm}} = \underline{\hspace{0.5cm}}$$

Combine Three-Dimensional Shapes

COMMON CORE STANDARD—1.G.2
Reason with shapes and their attributes.

Use three-dimensional shapes.

Combine.	Which new shape can you make? Circle it.
1.	
2.	
3.	

Problem Solving *Real World*
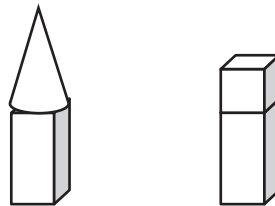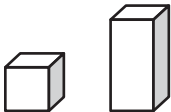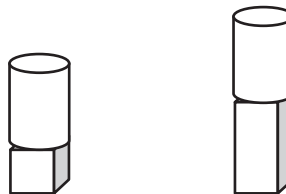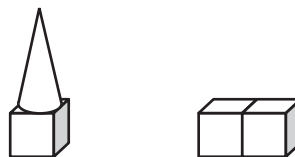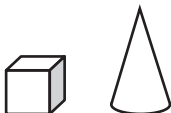
4. Circle the shapes you could use to model the bird feeder.
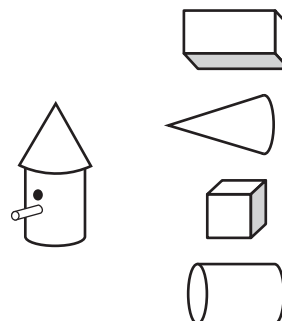
1. Circle the shape that combines ⬭ and △.
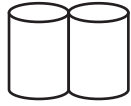
2. Write the sum. Write how many tens.

   $40 + 20 =$ ___   ___ tens

3. Emi has 15 crayons.
   She gives some crayons to Jo.
   Now she has 9 crayons.
   How many crayons did
   Emi give to Jo?
   Use the model to solve.
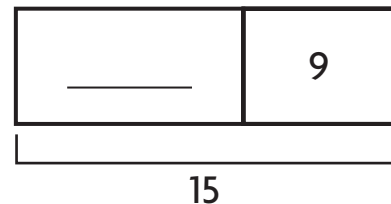
   ___ crayons

Make New Three-Dimensional Shapes

COMMON CORE STANDARD—1.G.2
Reason with shapes and their attributes.

Use three-dimensional shapes.

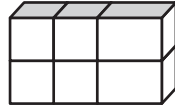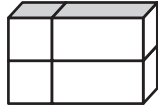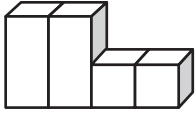| **Build and Repeat.**	**Combine. Which new shape can you make? Circle it.**
1.	
2.	
3.	

Problem Solving *Real World*
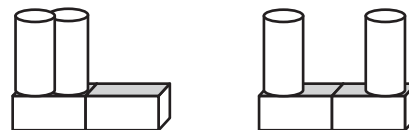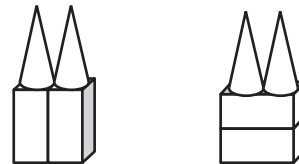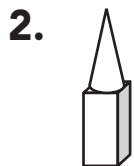
4. Dave builds this shape.
Then he repeats and combines.
Draw a shape he can make.

Lesson Check

1. Which new shape can you make? Circle the shape.

Combine ▭ and ▭ .

- -

Spiral Review

2. Which addition fact helps you solve $15 - 6 = $ ____?
Write the number sentence.

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

- -

3. Which doubles fact helps you solve $5 + 6 = 11$?
Circle the number sentence.

$3 + 3 = 6$ $\qquad\qquad$ $4 + 4 = 8$
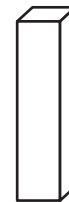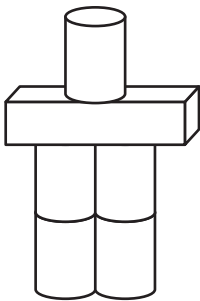
$5 + 5 = 10$ $\qquad\qquad$ $7 + 7 = 14$

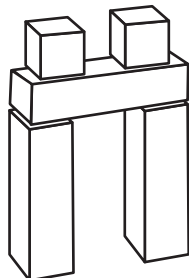## Problem Solving • Take Apart Three-Dimensional Shapes

COMMON CORE STANDARD—1.G.2
Reason with shapes and their attributes.

Use three-dimensional shapes.
Circle your answer.

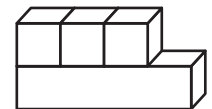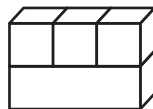**1.** Paco used shapes to build this robot. Circle the shapes he used.

2. Eva used shapes to build this wall. Circle the shapes she used.
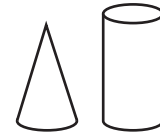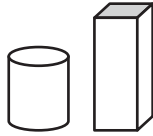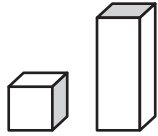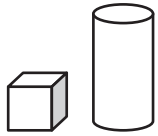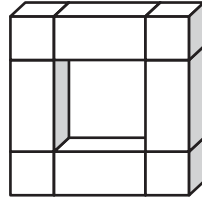
Problem Solving Real World

3. Circle the ways that show the same shape.

Lesson Check

I. Lara made this picture frame.
Circle the shapes she
used to make the frame.

Spiral Review

2. Compare each pair of numbers.
Write <, >, or =.

13 $\bigcirc$ 31   13 $\bigcirc$ 13   31 $\bigcirc$ 13   31 $\bigcirc$ 31

3. Subtract. What is the difference?
Write the number.

$$60 - 30 = \underline{\qquad}$$

Two-Dimensional Shapes on Three-Dimensional Shapes

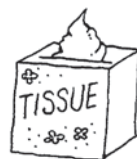## Circle the objects you could trace to draw the shape.
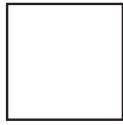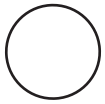
1.

2.

3.
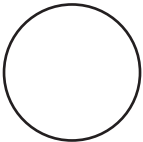
Problem Solving *Real World*

4. Look at this shape. Draw the shape you would make if you traced this object.

Lesson Check

1. Which flat surface does a cone have?
Circle the shape.

2. Which flat surfaces could a rectangular prism have?
Circle the pair of shapes.

Spiral Review (1.OA.3, 1.OA.5)

Write a subtraction sentence to solve.

3. Jade has 8 books.
She gives some of them to Dana.   ___ − ___ = ___
Now Jade has 6 books.
How many did she give to Dana?   ___ books

4. Write the sum.

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