

School-Home Letter

Dear Family,

My class started Chapter 10 this week. In this chapter, I will learn how identifying and describing shapes can help me sort them.

Love, _____

Vocabulary

sphere a three-dimensional shape that is round

A ball is an example of a sphere.

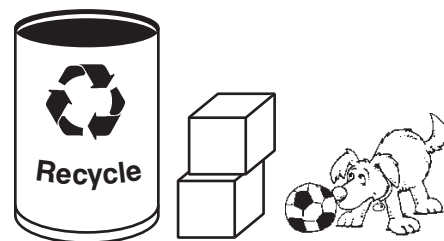


cylinder a three-dimensional shape with a curved surface and two flat surfaces



Home Activity

Take a walk around your neighborhood with your child. Ask your child to point out objects that are shaped like three-dimensional shapes, such as spheres, cubes, cylinders, and cones.



Literature

Look for these books at the library. The pictures will help your child understand how shapes are a part of everyday life.

What in the World Is a Sphere?

by Anders Hanson.
SandCastle,
2007.

Cubes, Cones, Cylinders, & Spheres

by Tana Hoban.
Greenwillow
Books, 2000.



Carta para la casa

Querida familia:

Mi clase comenzó el Capítulo 10 esta semana. En este capítulo, aprenderé cómo identificar y describir figuras que puede ayudarme a clasificarlas.

Con cariño, _____

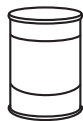
Vocabulario

esfera una figura tridimensional redonda

Una pelota es un ejemplo de esfera.

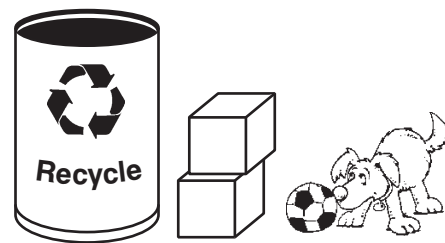


cilindro una figura tridimensional con una superficie curva y dos superficies planas



Actividad para la casa

Salga a caminar por el barrio junto a su hijo. Pídale que señale objetos que tengan formas tridimensionales, tales como esferas, cubos, cilindros y conos.



Literatura

Busque estos libros en la biblioteca. Los dibujos ayudarán a que su hijo comprenda cómo las figuras forman parte de la vida diaria.

What in the World Is a Sphere?

por Anders Hanson.
SandCastle, 2007.

Cubes, Cones, Cylinders & Spheres

por Tana Hoban.
Greenwillow Books, 2000.

Name _____

Three-Dimensional Shapes

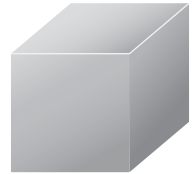
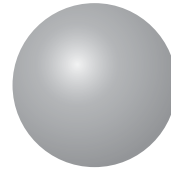


COMMON CORE STANDARD—K.G.4
Analyze, compare, create, and compose shapes.

1



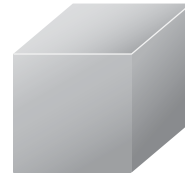
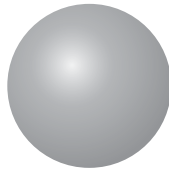
roll



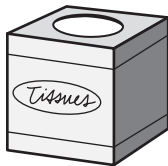
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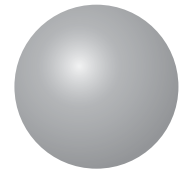
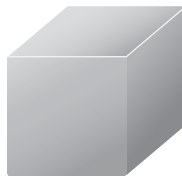
stack



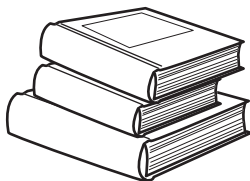
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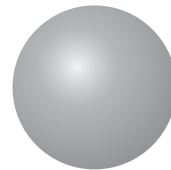
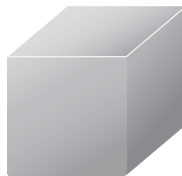
slide



4

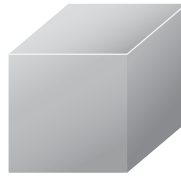
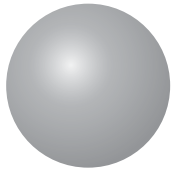


stack and slide

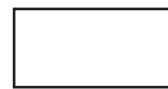
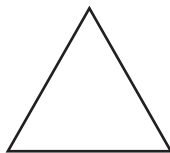
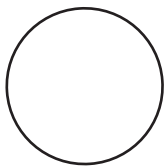
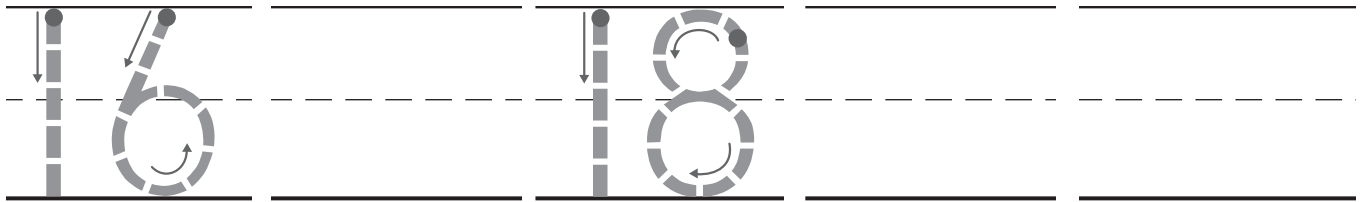


DIRECTIONS 1. Which shape does not roll? Mark an X on that shape. 2. Which shapes do not stack? Mark an X on those shapes. 3. Which shape does not slide? Mark an X on that shape. 4. Which shape does not stack and slide? Mark an X on that shape.

Lesson Check (K.G.4)



Spiral Review (K.CC.2, K.G.4)



DIRECTIONS 1. Which shape does not roll? Mark an X on the shape. 2. Count forward. Trace and write the numbers in order. 3. Which shape has a curve? Color the shape.

P182 one hundred eighty-two

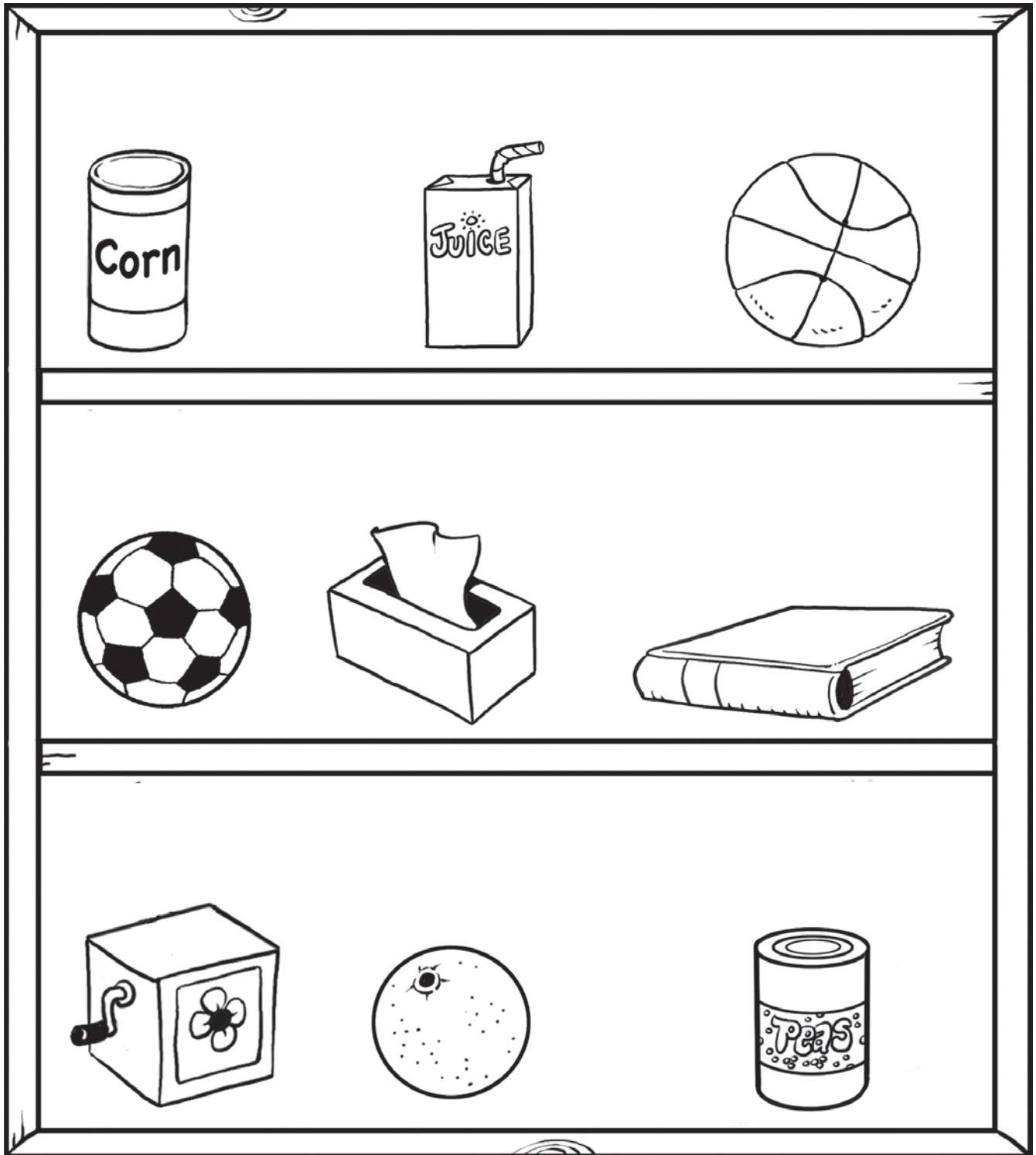
Name _____

HANDS ON Lesson 10.2

Identify, Name, and Describe Spheres

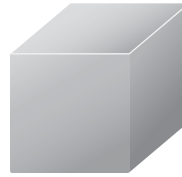
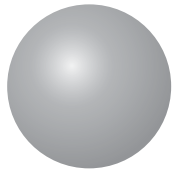


COMMON CORE STANDARD—K.G.2
Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

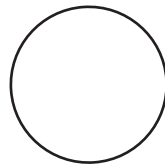
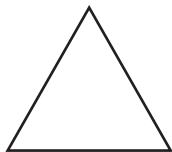


DIRECTIONS I. Identify the objects that are shaped like a sphere. Mark an X on those objects.

Lesson Check (K.G.2)



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



DIRECTIONS 1. Which shape is a sphere? Mark an X on the shape. 2. Which shape is a square? Color the square. 3. How many school buses are there? Write the number.

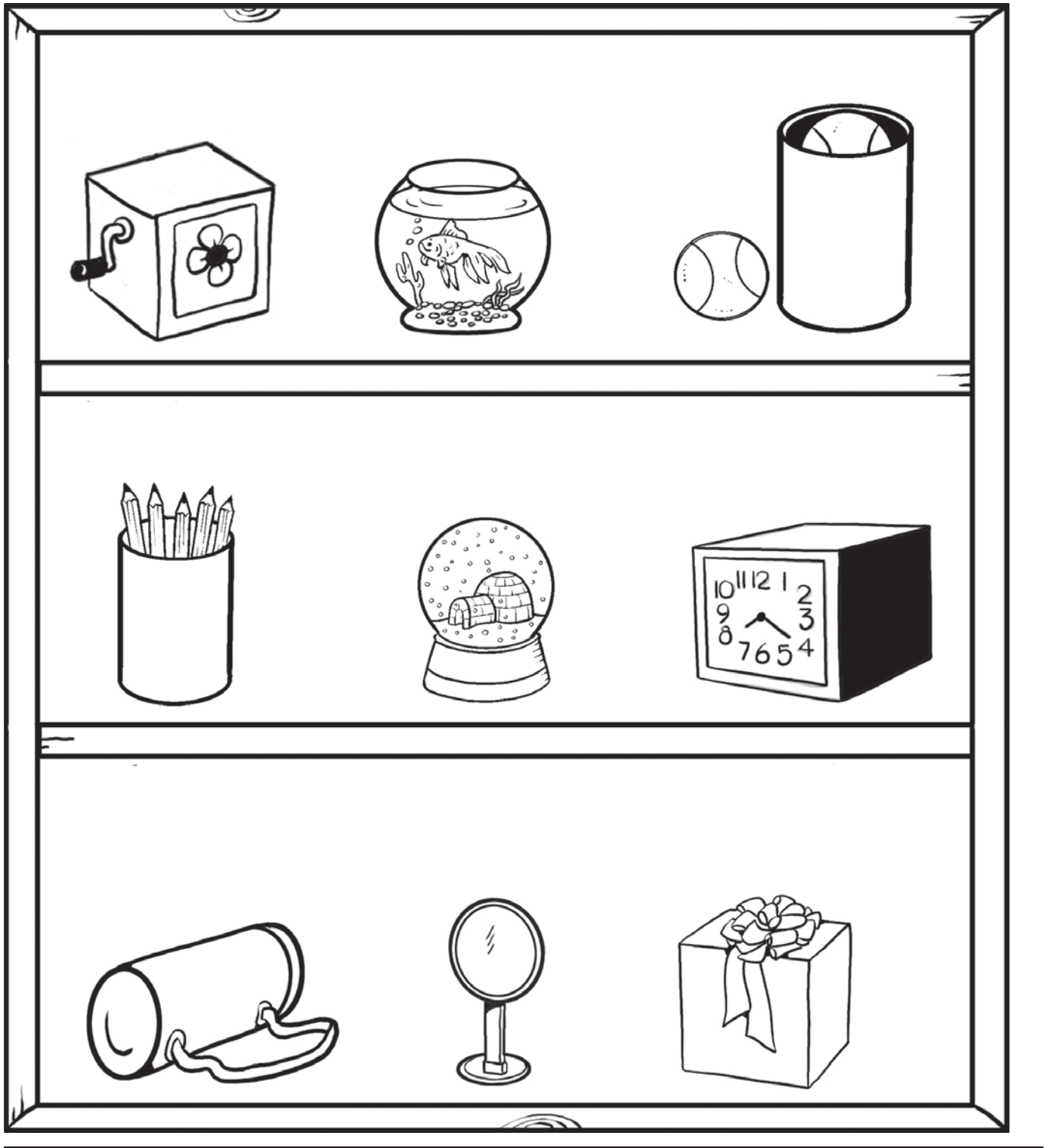
Name _____

HANDS ON Lesson 10.3

Identify, Name, and Describe Cubes



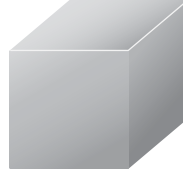
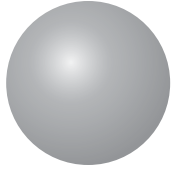
COMMON CORE STANDARD—K.G.2
Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).



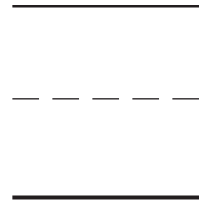
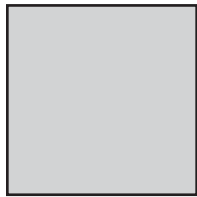
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DIRECTIONS I. Identify the objects that are shaped like a cube. Mark an X on those objects.

Lesson Check (K.G.2)



Spiral Review (K.CC.1, K.G.4)



sides



71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

DIRECTIONS 1. Which shape is a cube? Mark an X on the shape. 2. How many sides does the square have? Write the number. 3. Begin with 81 and count forward to 90. What is the next number? Draw a line under that number.

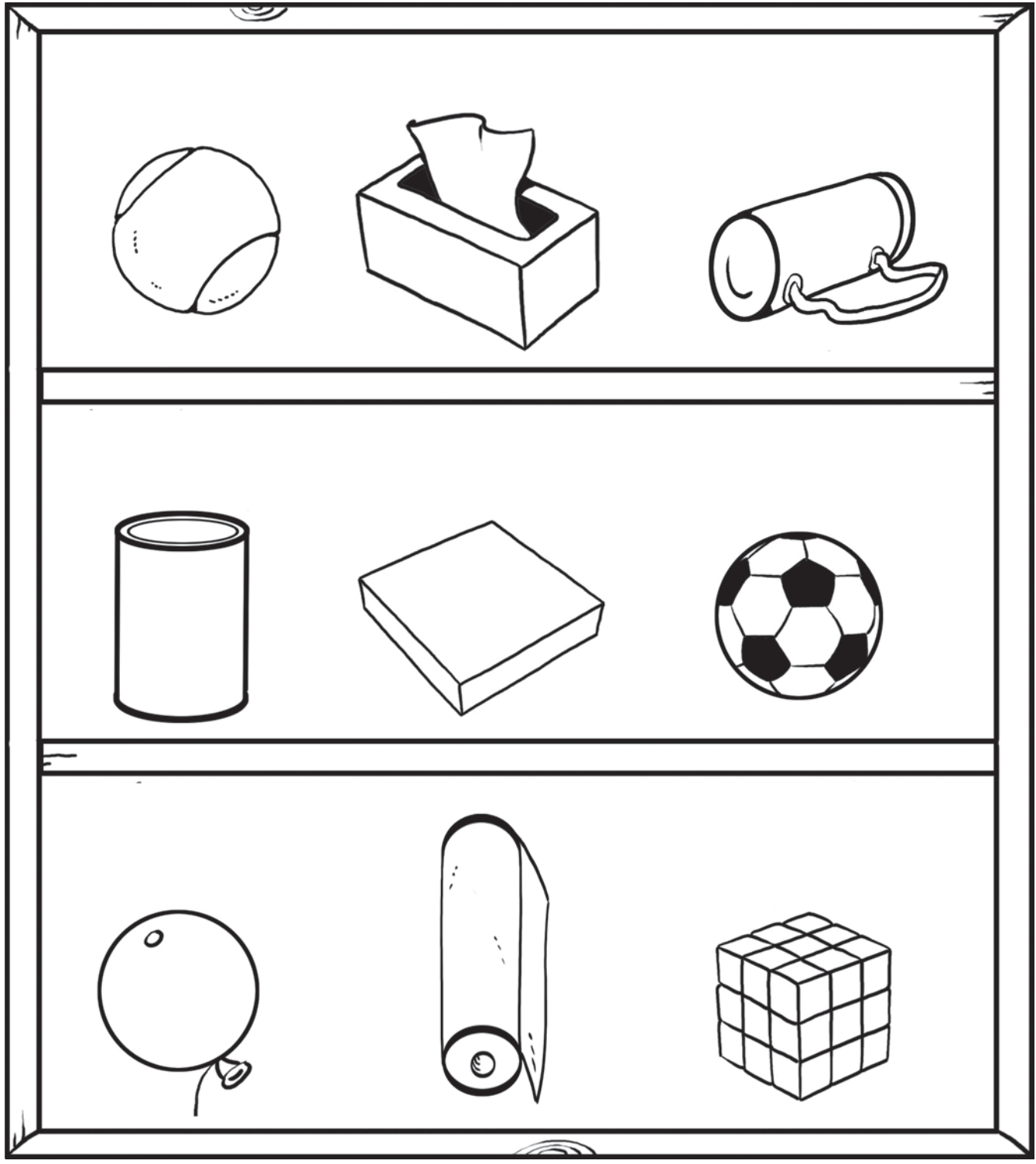
Name _____

HANDS ON Lesson 10.4

Identify, Name, and Describe Cylinders



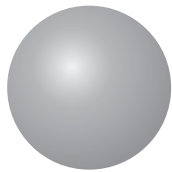
COMMON CORE STANDARD—K.G.2
Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).



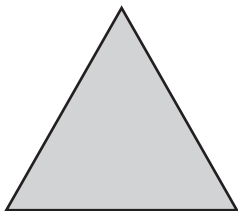
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DIRECTIONS I. Identify the objects that are shaped like a cylinder. Mark an X on those objects.

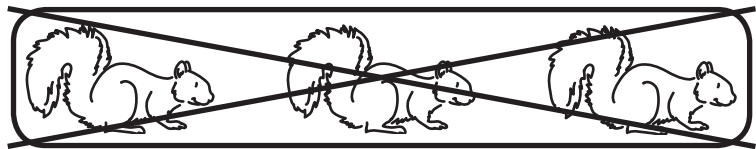
Lesson Check (K.G.2)



Spiral Review (K.OA.5, K.G.4)



vertices



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

DIRECTIONS 1. Which shape is a cylinder? Mark an X on the shape. 2. How many vertices does the triangle have? Write the number. 3. Write the number to show how many are being taken from the set.

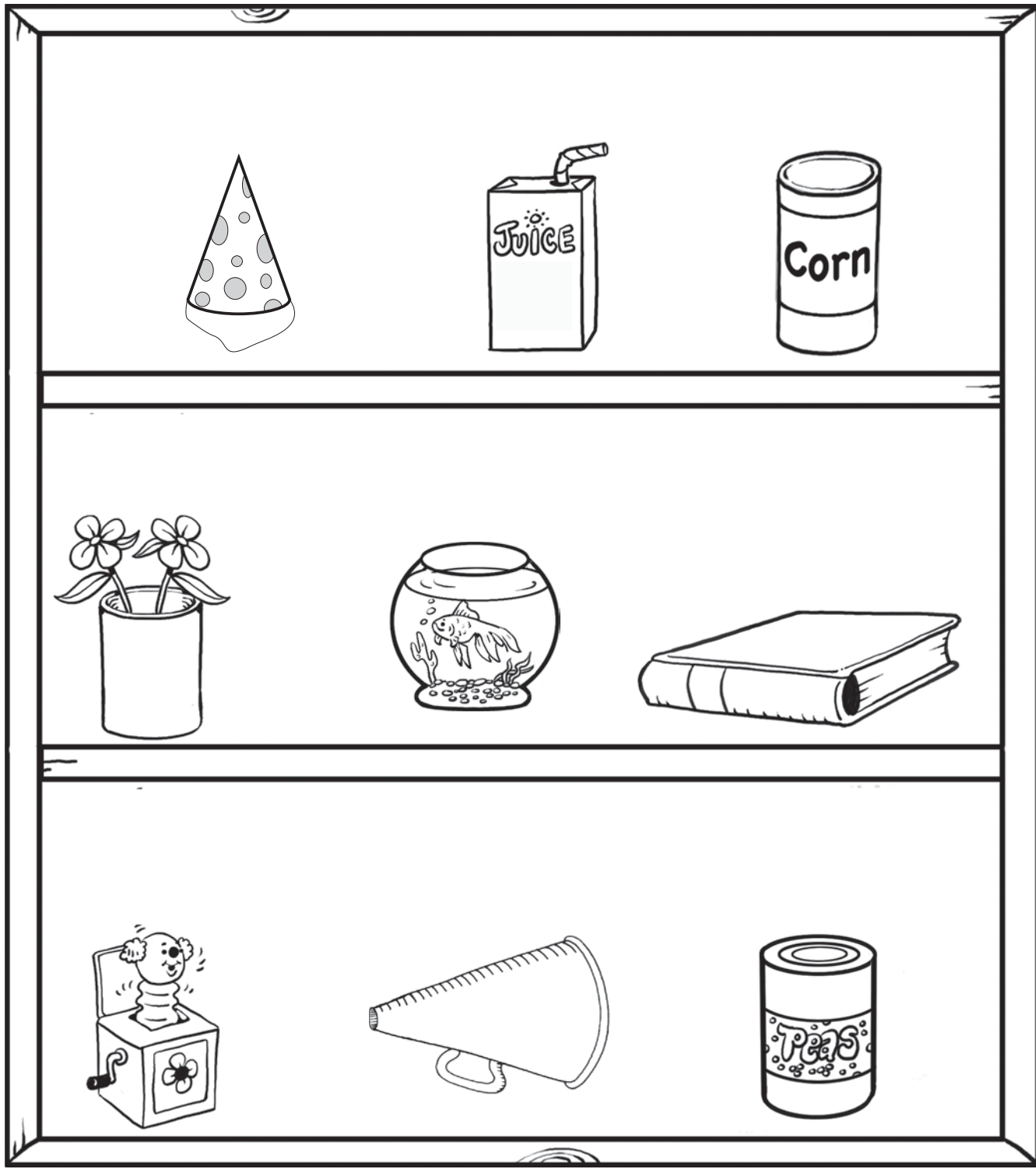
Name _____

HANDS ON Lesson 10.5

Identify, Name, and Describe Cones

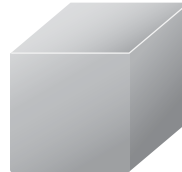
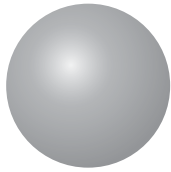


COMMON CORE STANDARD—K.G.2
Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

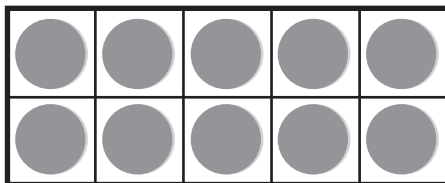


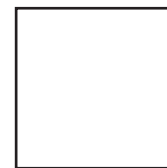
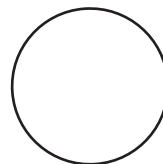
DIRECTIONS I. Identify the objects that are shaped like a cone. Mark an X on those objects.

Lesson Check (K.G.2)



Spiral Review (K.NBT.1, K.G.2)





DIRECTIONS 1. Which shape is a cone? Mark an X on the shape. 2. Count and tell how many. Write the number. 3. Which shape is a circle? Color the circle.

Name _____

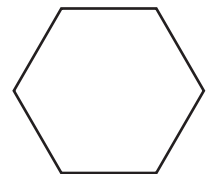
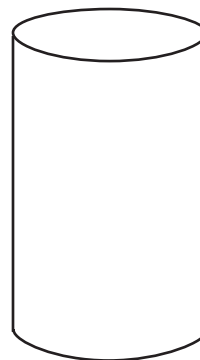
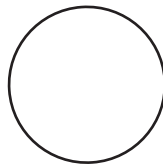
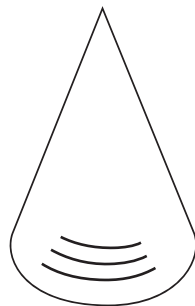
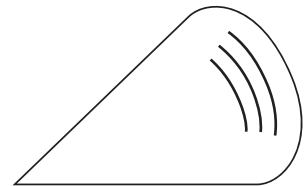
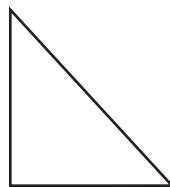
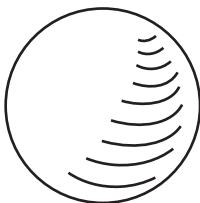
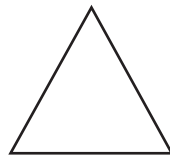
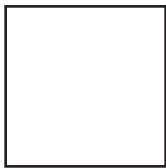
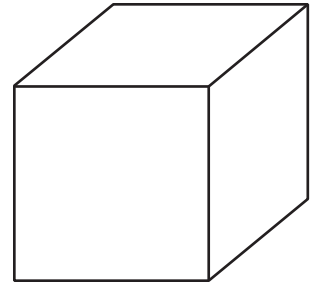
PROBLEM SOLVING

Lesson 10.6

Problem Solving • Two- and Three-Dimensional Shapes



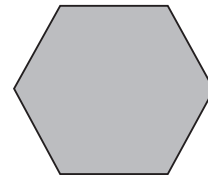
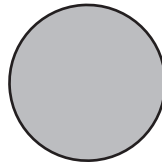
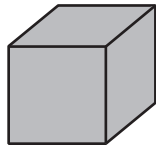
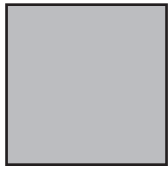
COMMON CORE STANDARD—K.G.3
Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).



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DIRECTIONS 1. Identify the two-dimensional or flat shapes. Use red to color the flat shapes. Identify the three-dimensional or solid shapes. Use blue to color the solid shapes.

Lesson Check (K.G.3)



Spiral Review (K.CC.1, K.G.6)



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30

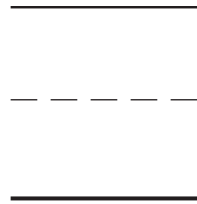
DIRECTIONS 1. Which is a three-dimensional or solid shape? Mark an X on the shape. 2. Join two triangles to make the shape. Draw and color the triangles you used. 3. Begin with 1 and count forward to 19. What is the next number? Draw a line under that number.

Name _____

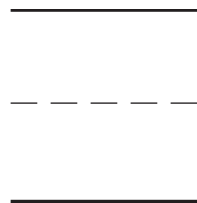
Model Shapes



COMMON CORE STANDARD—K.G.5
Model shapes in the world by building shapes from components (e.g., sticks and clay balls) and drawing shapes.



sides



flat surfaces

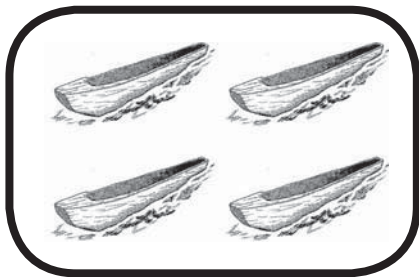
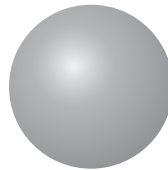
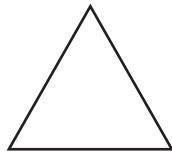
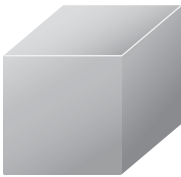
DIRECTIONS 1. Draw to show what you know about a square. Write how many sides. 2. Use clay to model a cylinder. How many flat surfaces are there?

Lesson Check (K.G.5)



flat surfaces

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



4

+

=

5

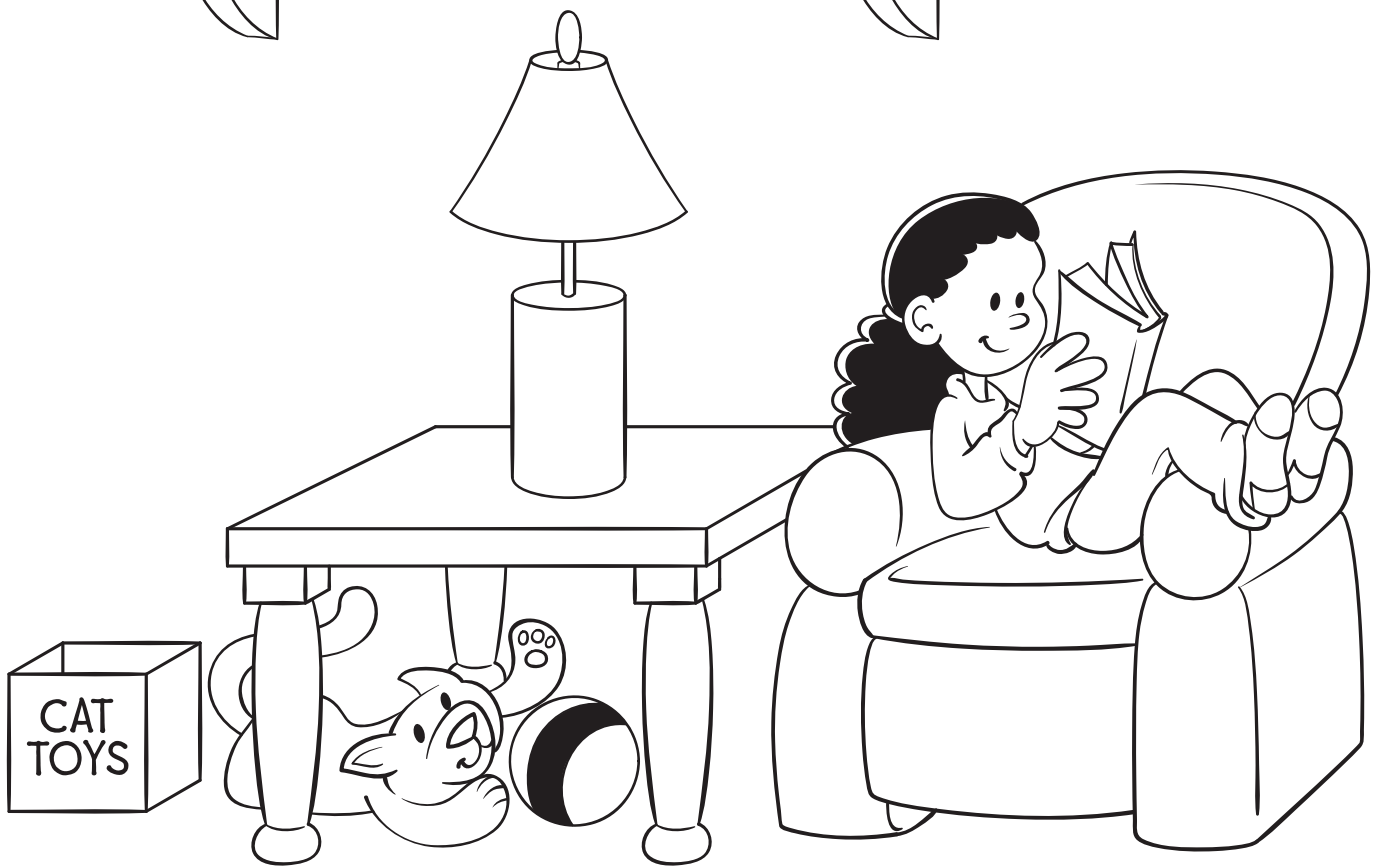
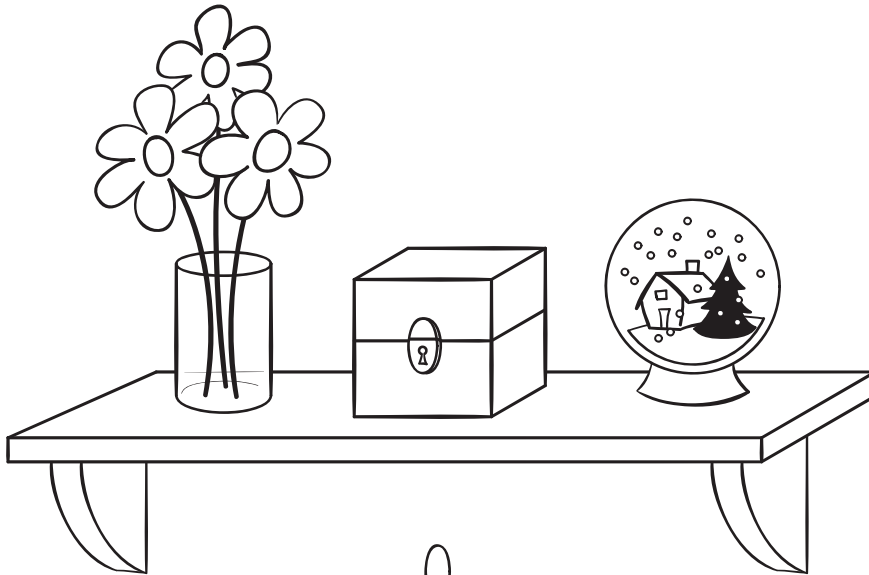
DIRECTIONS 1. How many flat surfaces does this shape have? Write the number. 2. Which shape is flat? Color the flat shape. 3. Tell an addition word problem about the boats. Write the number to complete the addition sentence.

Name _____

Above and Below



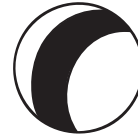
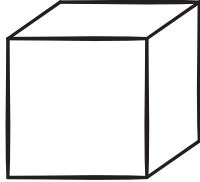
COMMON CORE STANDARD—K.G.1
 Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).



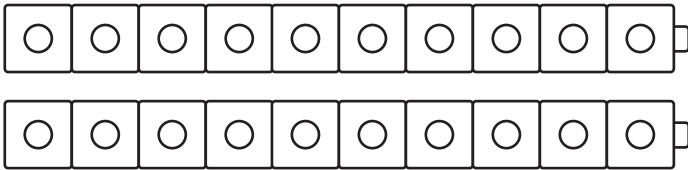
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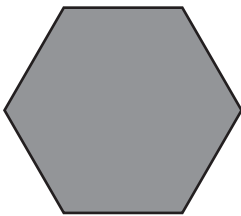
DIRECTIONS I. Mark an X on the object that is shaped like a sphere below the table. Circle the object that is shaped like a cube above the table.

Lesson Check (K.G.1)



Spiral Review (K.CC.5, K.G.4)





vertices

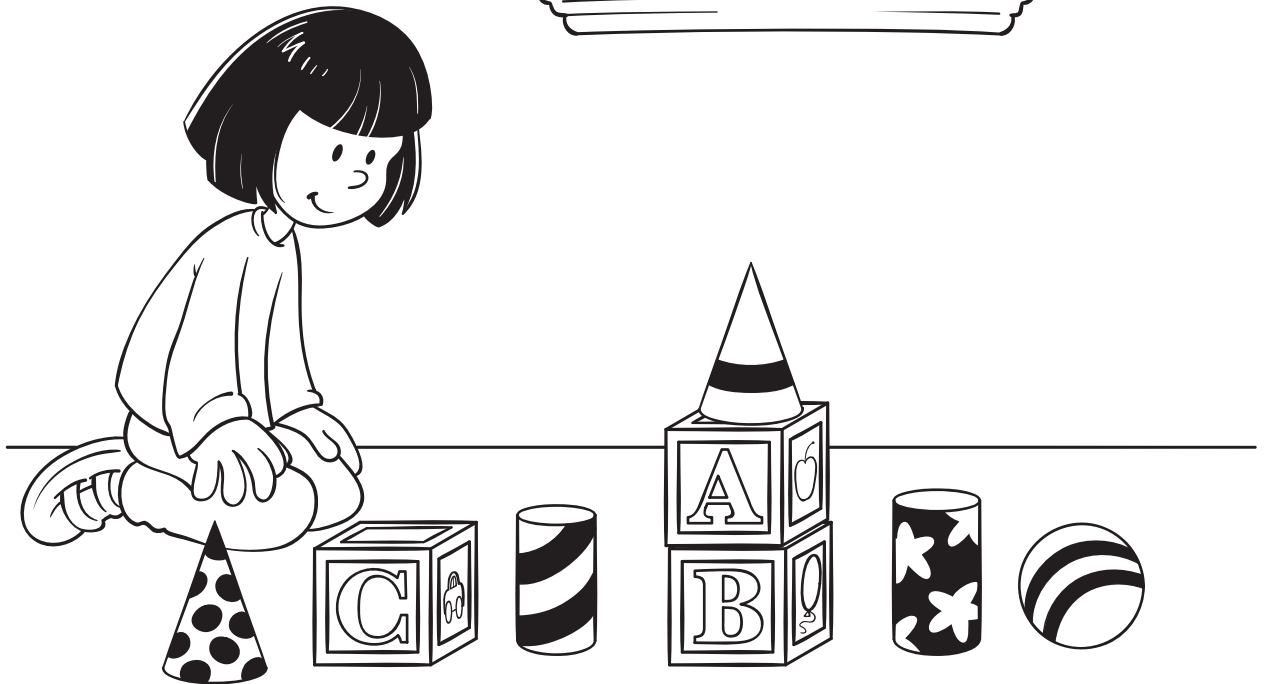
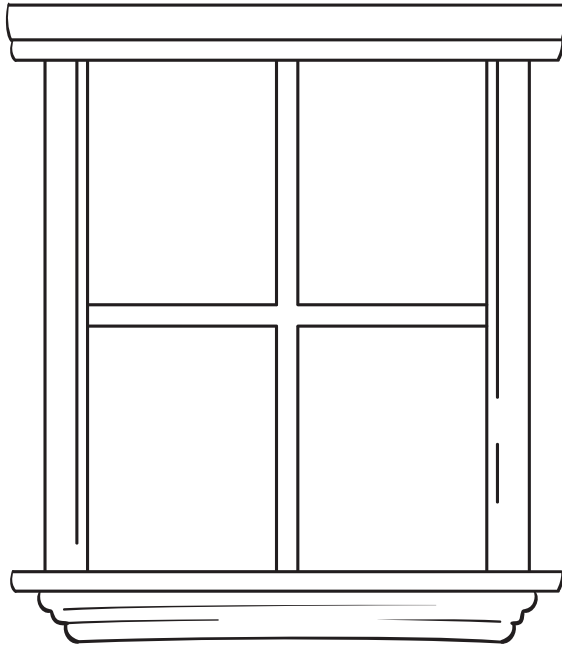
DIRECTIONS 1. Circle the set that shows an object shaped like a sphere above the object shaped like a cube. 2. Count and tell how many. Write the number. 3. How many vertices does the hexagon have? Write the number.

Name _____

Beside and Next To

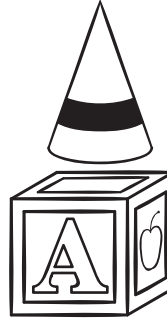
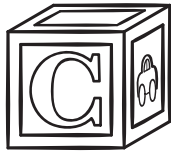


COMMON CORE STANDARD—K.G.1
 Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

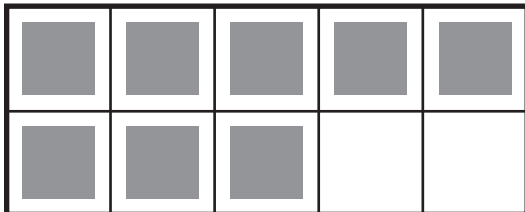
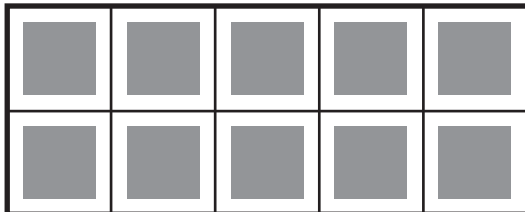
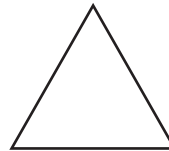
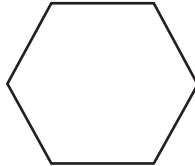
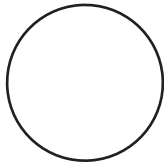


DIRECTIONS I. Mark an X on the object shaped like a cylinder that is next to the object shaped like a sphere. Circle the object shaped like a cone that is beside the object shaped like a cube. Use the words *next to* and *beside* to name the position of other shapes.

Lesson Check (K.G.1)



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



DIRECTIONS 1. Circle the set that shows an object shaped like a cube beside the object shaped like a cone. 2. Which shape is a hexagon? Color the hexagon. 3. How many tiles are there? Write the number.

Name _____

Lesson 10.10

In Front Of and Behind



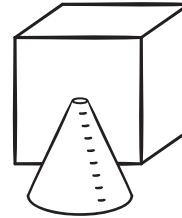
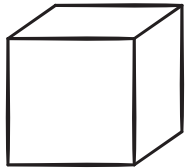
COMMON CORE STANDARD—K.G.1
Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).



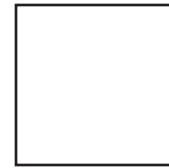
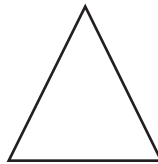
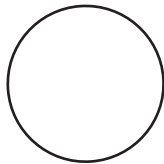
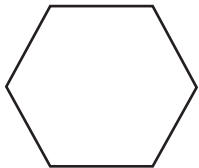
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DIRECTIONS 1. Mark an X on the object shaped like a cylinder that is behind the object shaped like a cone. Draw a circle around the object shaped like a cylinder that is in front of the object shaped like a cube. Use the words *in front of* and *behind* to name the position of other shapes.

Lesson Check (K.G.1)



Spiral Review (K.OA.1, K.G.2)



_____ and _____

DIRECTIONS 1. Circle the set that shows an object shaped like a cone in front of the object shaped like a cube. 2. Which shape is a triangle? Color the triangle. 3. How many of each color counter? Write the numbers.