

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, _____

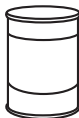
Vocabulary

sphere a three-dimensional shape that is round

A ball is an example of a sphere.

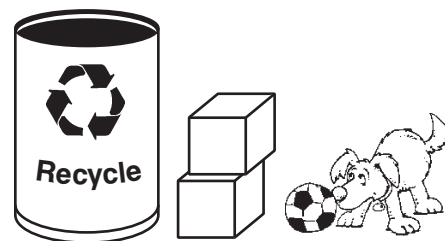


cylinder a three-dimensional shape with a curved surface and two flat surfaces



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 pueden ayudarme a clasificarlas.

Con cariño, _____

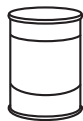
Vocabulario

esfera una figura tridimensional redonda

Una pelota es un ejemplo de esfera.

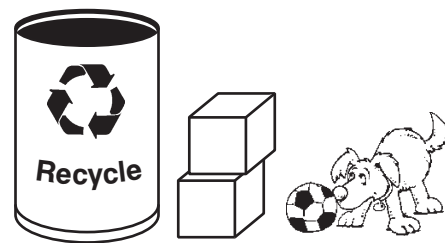


cilindro una figura tridimensional con una superficie curva y dos superficies planas



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.

Three-Dimensional Shapes

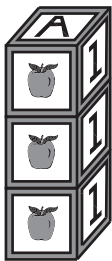
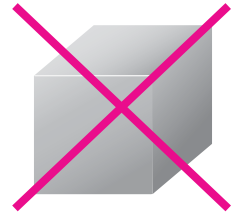
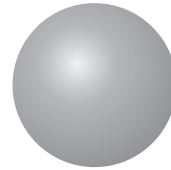


COMMON CORE STANDARD MACC.K.G.2.4

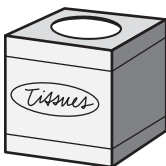
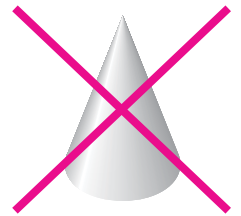
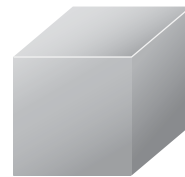
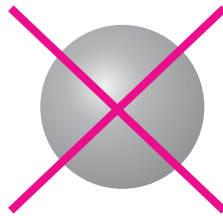
Analyze, compare, create, and compose shapes.



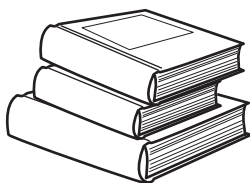
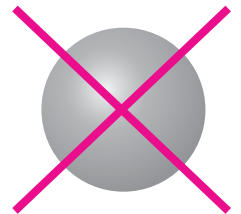
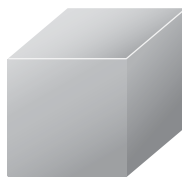
roll



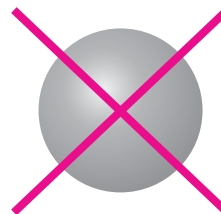
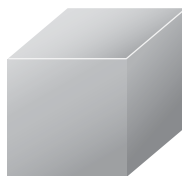
stack



slide

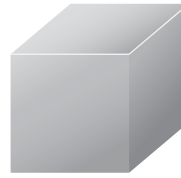
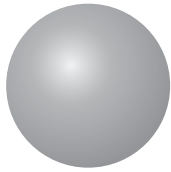


stack and slide



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 (MACC.K.G.2.4)



Spiral Review (MACC.K.CC.1.2, MACC.K.G.2.4)

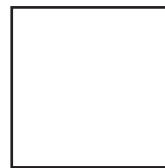
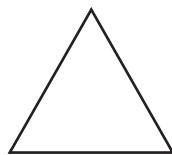
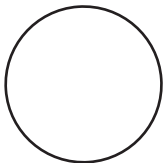


☐ 17, 20, 19, 18

☐ 17, 18, 20, 19

☐ 20, 19, 17, 18

☒ 17, 18, 19, 20



DIRECTIONS 1. Which shape does not roll? Mark under your answer. (Lesson 10.1) 2. Which set of numbers is in order? Mark beside your answer. (Lesson 8.3) 3. Which shape has a curve? Mark under your answer. (Lesson 9.2)

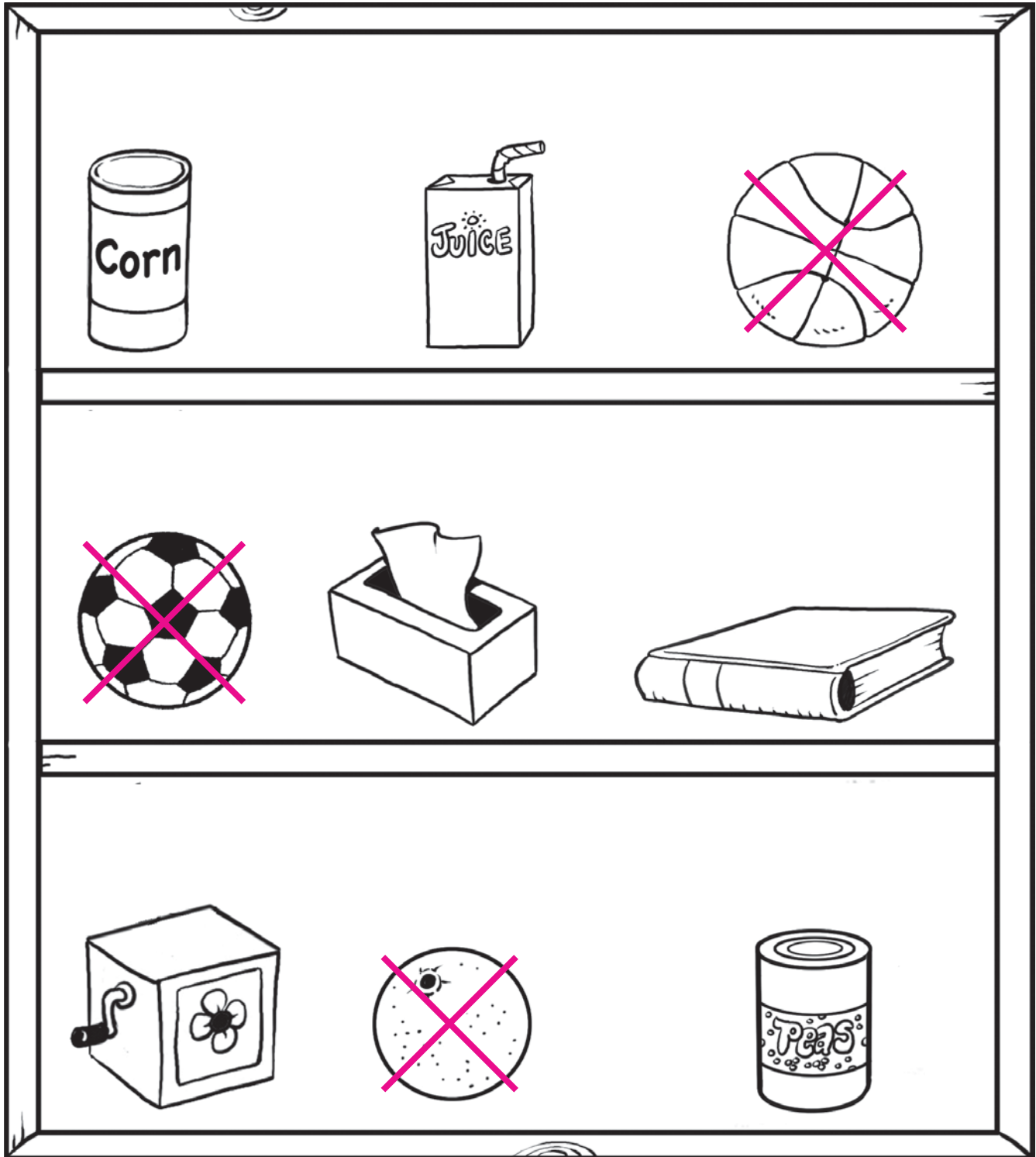
Name _____

HANDS ON Lesson 10.2

Identify, Name, and Describe Spheres

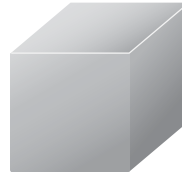
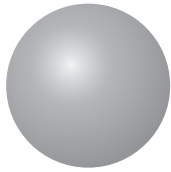


COMMON CORE STANDARD MACC.K.G.1.2
Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

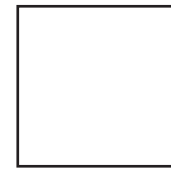
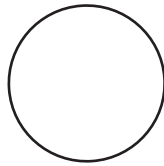
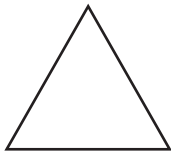


DIRECTIONS 1. Identify the objects that are shaped like a sphere. Mark an X on those objects.

Lesson Check (MACC.K.G.1.2)



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



three



four



five



six



DIRECTIONS 1. Which shape is a sphere? Mark under your answer. (Lesson 10.2)

2. Which shape is a square? Mark under your answer. (Lesson 9.3)

3. How many school buses are there? Mark under your answer. (Lesson 3.2)

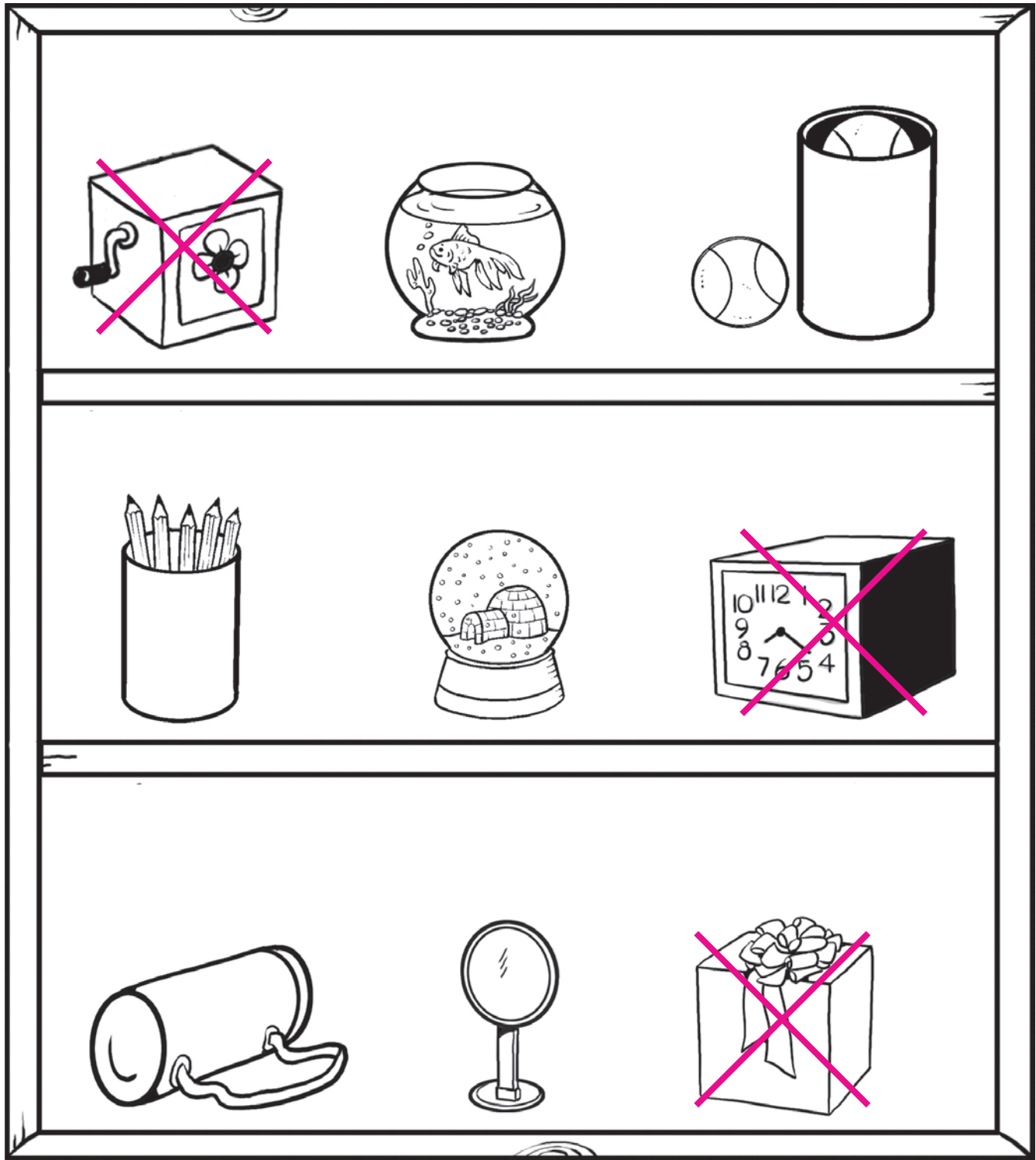
Name _____

HANDS ON Lesson 10.3

Identify, Name, and Describe Cubes

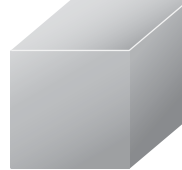
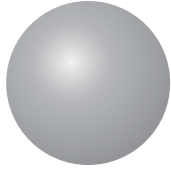


COMMON CORE STANDARD MACC.K.G.1.2
Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).



DIRECTIONS 1. Identify the objects that are shaped like a cube. Mark an X on those objects.

Lesson Check (MACC.K.G.1.2)



Spiral Review (MACC.K.CC.1.1, MACC.K.G.2.4)



1



2



3



4



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

89



91



98



100



DIRECTIONS 1. Which shape is a cube? Mark under your answer. (Lesson 10.3)
 2. How many sides does the square have? Mark under your answer. (Lesson 9.4)
 3. Begin with 81 and count forward to 90. What is the next number? Mark under your answer. (Lesson 8.6)

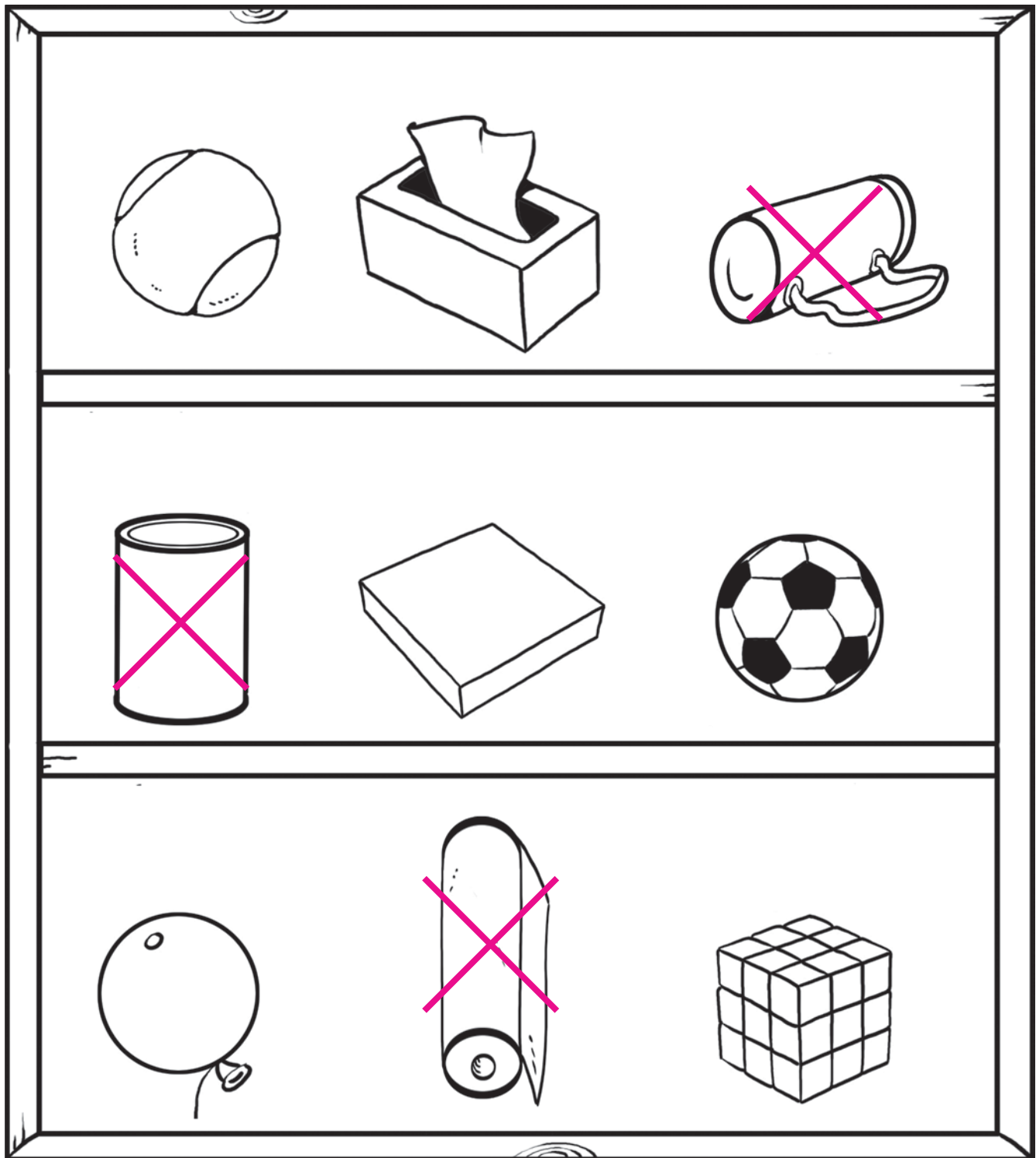
Name _____

HANDS ON Lesson 10.4

Identify, Name, and Describe Cylinders

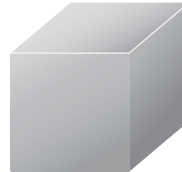
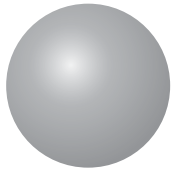


COMMON CORE STANDARD MACC.K.G.1.2
Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

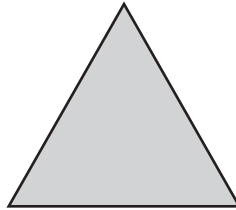


DIRECTIONS 1. Identify the objects that are shaped like a cylinder. Mark an X on those objects.

Lesson Check (MACC.K.G.1.2)



Spiral Review (MACC.K.OA.1.5, MACC.K.G.2.4)



4



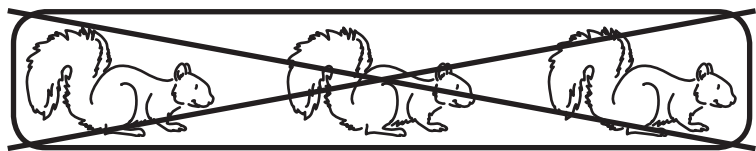
3



2



1



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

1



2



3



4



- DIRECTIONS**
1. Which shape is a cylinder? Mark under your answer. (Lesson 10.4)
 2. How many vertices does the triangle have? Mark under your answer. (Lesson 9.6)
 3. Mark under the number to show how many are being taken from the set. (Lesson 6.5)

Name _____

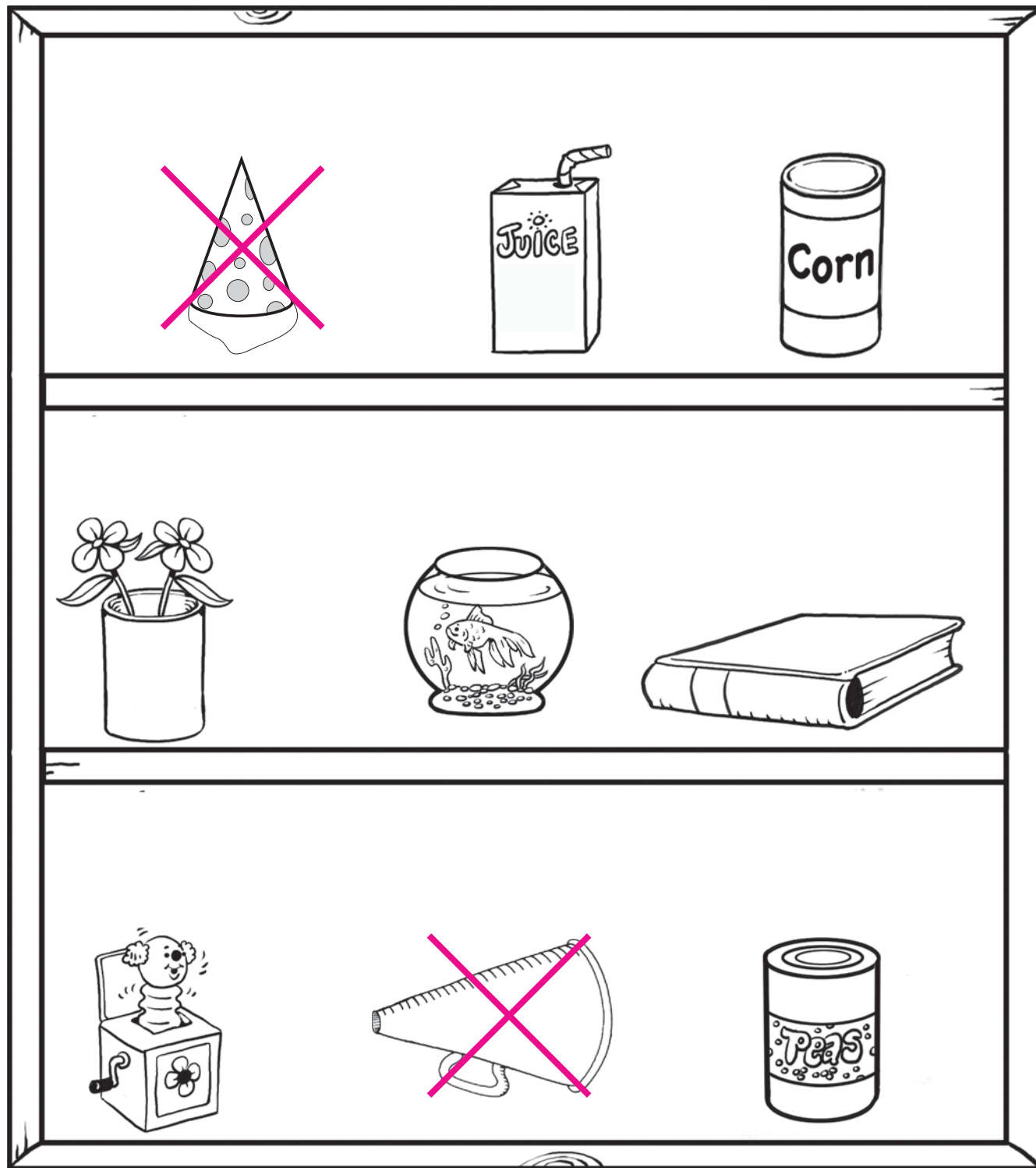
HANDS ON Lesson 10.5

Identify, Name, and Describe Cones



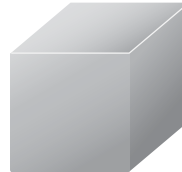
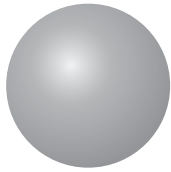
COMMON CORE STANDARD MACC.K.G.1.2

Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).



DIRECTIONS 1. Identify the objects that are shaped like a cone. Mark an X on those objects.

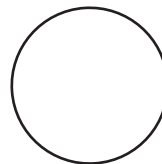
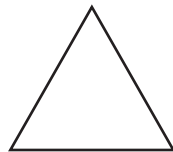
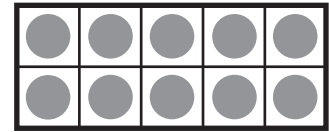
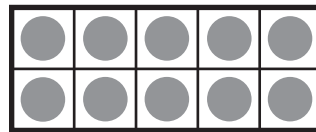
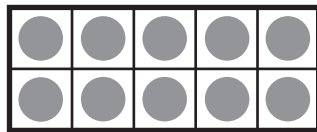
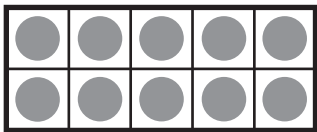
Lesson Check (MACC.K.G.1.2)



Spiral Review (MACC.K.NBT.1.1, MACC.K.G.1.2)



13



- DIRECTIONS**
1. Which shape is a cone? Mark under your answer. (Lesson 10.5)
 2. Which set of counters shows the number 13? Mark under your answer. (Lesson 7.3)
 3. Which shape is a circle? Mark under your answer. (Lesson 9.1)

Name _____

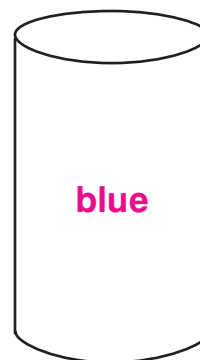
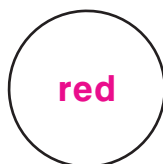
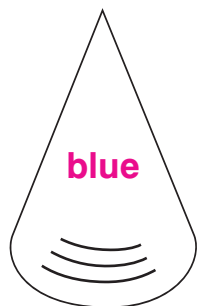
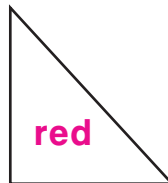
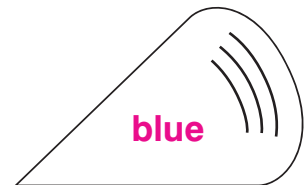
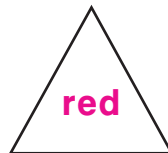
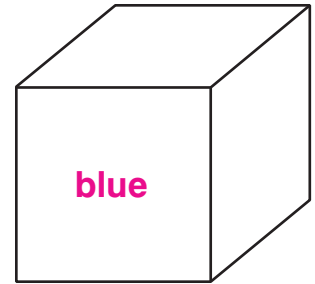
PROBLEM SOLVING

Lesson 10.6

Problem Solving • Two- and Three-Dimensional Shapes

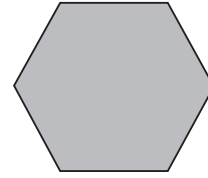
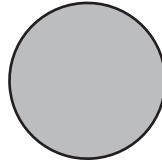
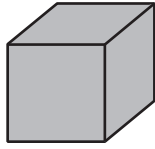
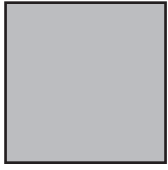


COMMON CORE STANDARD MACC.K.G.1.3
Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).



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 (MACC.K.G.1.3)



Spiral Review (MACC.K.CC.1.1, MACC.K.G.2.6)



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

18



19



20



21



DIRECTIONS 1. Which is a three-dimensional or solid shape? Mark under your answer. (Lesson 10.6) 2. Which shapes could you join to make the square above? Mark under your answer. (Lesson 9.12) 3. Begin with 1 and count forward to 19. What is the next number? Mark under your answer. (Lesson 8.5)

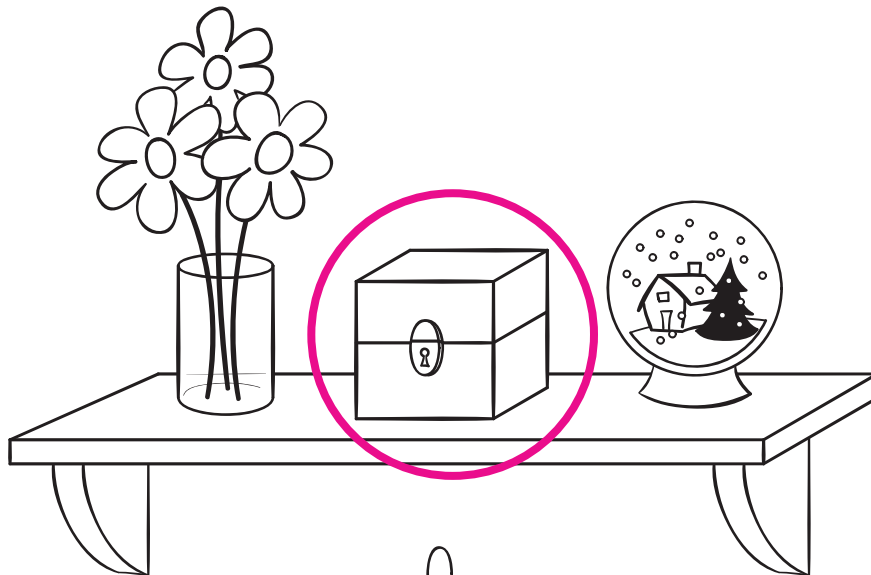
Name _____

Lesson 10.7

Above and Below

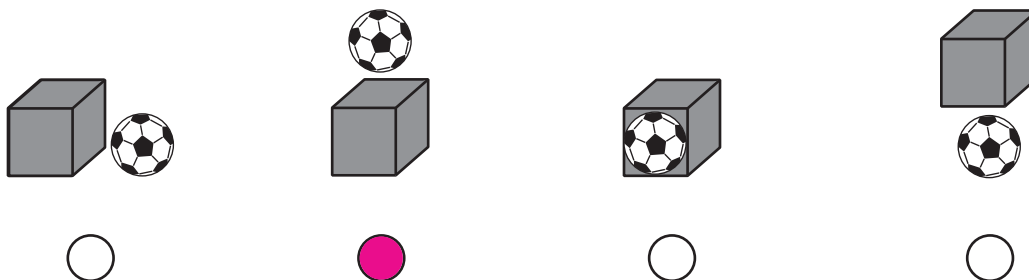


COMMON CORE STANDARD MACC.K.G.1.1
Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

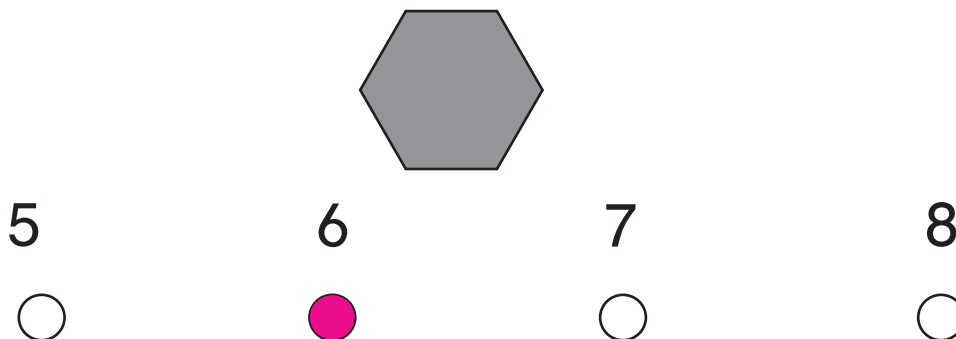
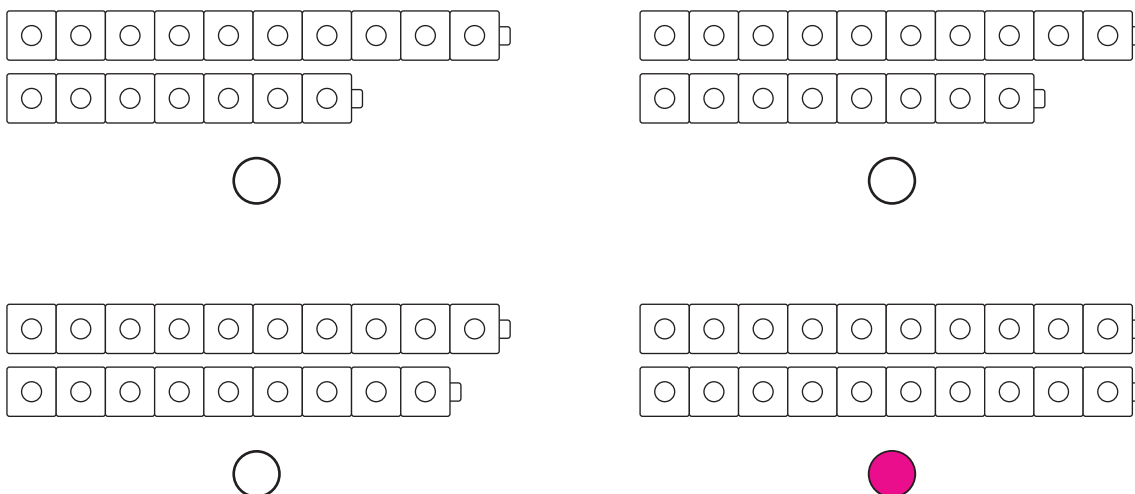


DIRECTIONS 1. Mark an X on the object that is shaped like a sphere below the table. Circle the object that is shaped like a cube above the table.

Lesson Check (MACC.K.G.1.1)



Spiral Review (MACC.K.CC.2.5, MACC.K.G.2.4)



DIRECTIONS 1. Which picture shows that the object shaped like a sphere is above the box? Mark under your answer. (Lesson 10.7) 2. Which set of cubes models the number 20? Mark under your answer. (Lesson 8.1) 3. How many vertices does the hexagon have? Mark under your answer. (Lesson 9.10)

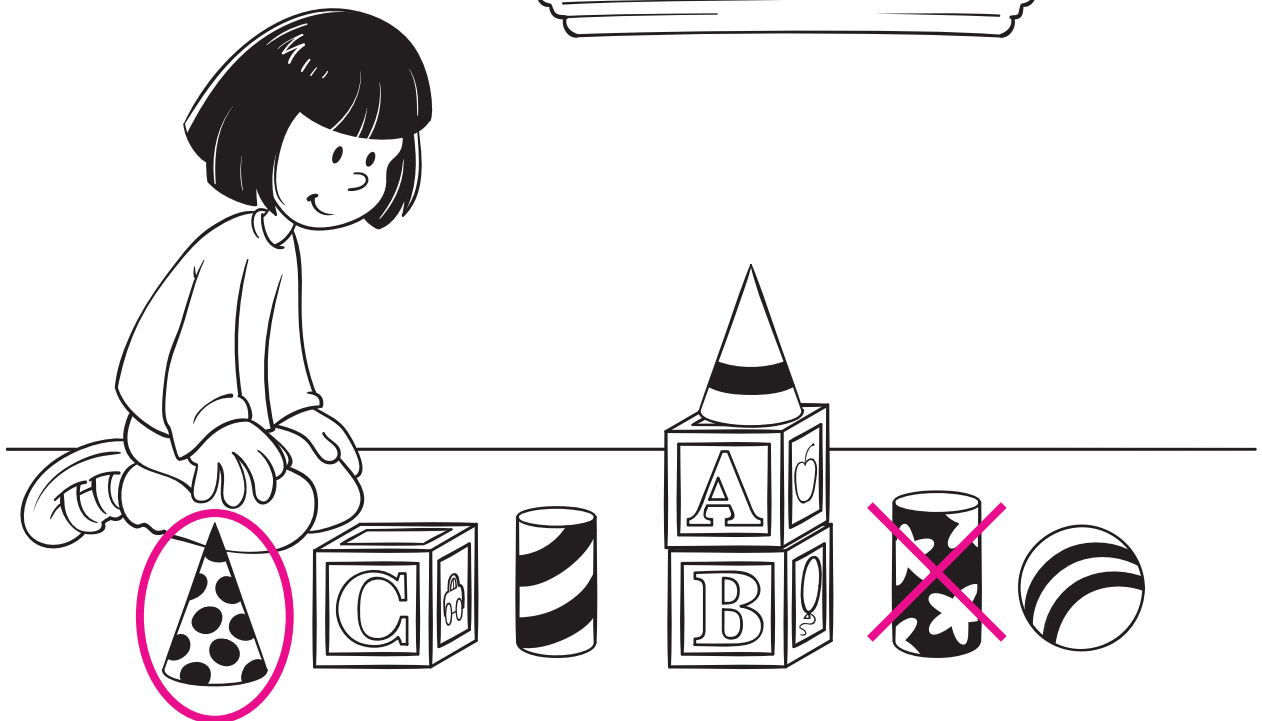
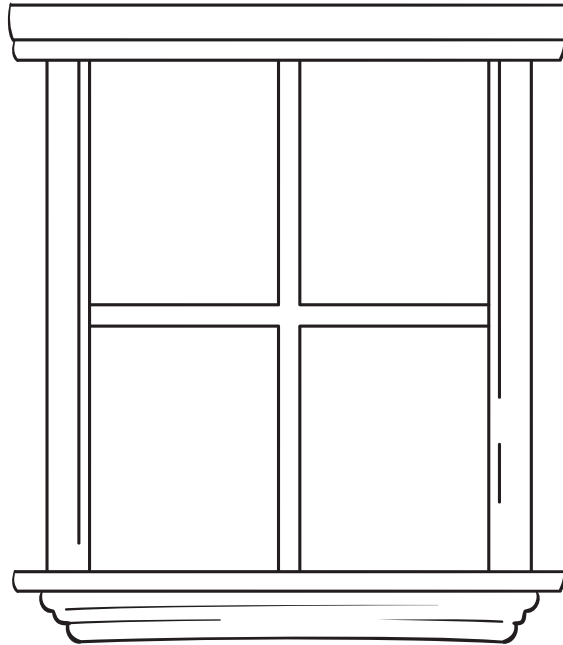
Name _____

Lesson 10.8

Beside and Next To

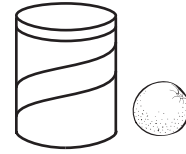
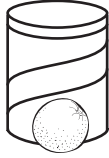


COMMON CORE STANDARD MACC.K.G.1.1
Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

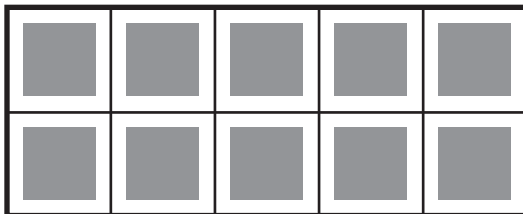
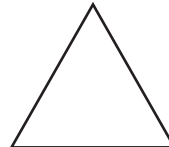
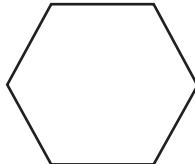
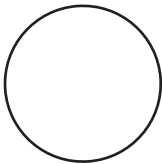


DIRECTIONS 1. Mark an X on the object shaped like a cylinder that is next to the object shaped like a sphere. Circle the object shaped like a cone that is beside the object shaped like a cube. Use the words *next to* and *beside* to name the position of other shapes.

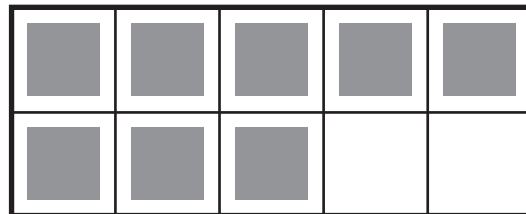
Lesson Check (MACC.K.G.1.1)



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



16



18



17



19



DIRECTIONS 1. Which picture shows an object shaped like a sphere is beside an object shaped like a cylinder? Mark under your answer. (Lesson 10.8)
2. Which shape is a hexagon? Mark under your answer. (Lesson 9.9) 3. How many tiles are there? Mark under your answer. (Lesson 7.10)

Name _____

Lesson 10.4

In Front Of and Behind

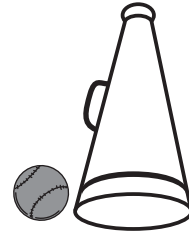
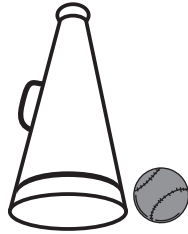


COMMON CORE STANDARD MACC.K.G.1.1
Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

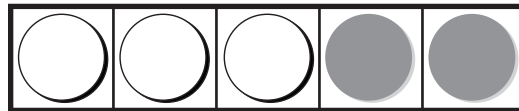
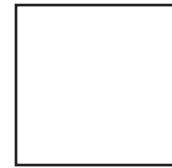
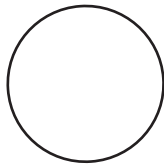
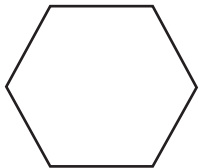


DIRECTIONS 1. Mark an X on the object shaped like a cylinder that is behind the object shaped like a cone. Draw a circle around the object shaped like a cylinder that is in front of the object shaped like a cube. Use the words *in front of* and *behind* to name the position of other shapes.

Lesson Check (MACC.K.G.1.1)



Spiral Review (MACC.K.OA.1.1, MACC.K.G.1.2)



3 and 0



3 and 1



3 and 2



3 and 3



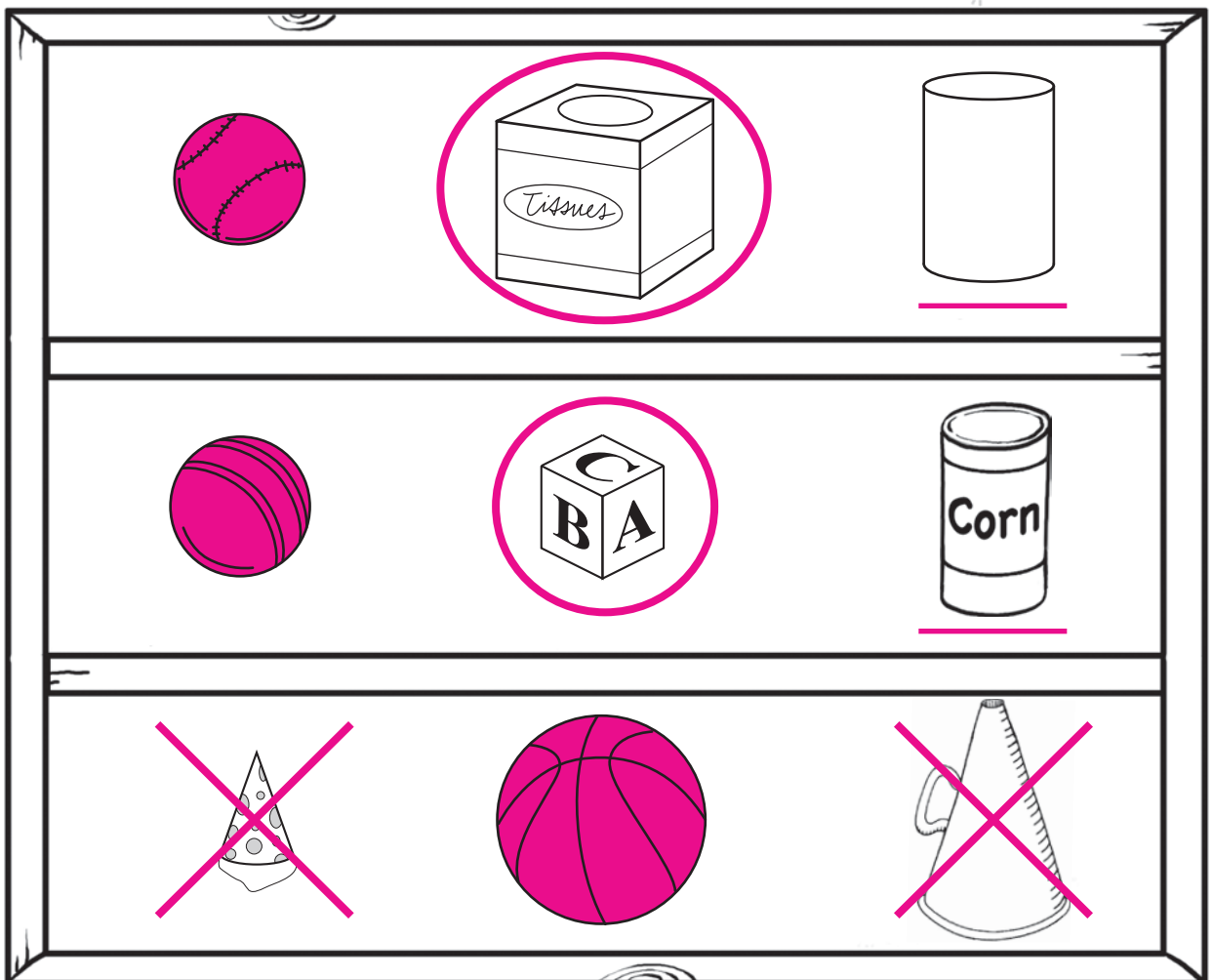
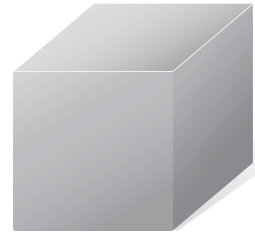
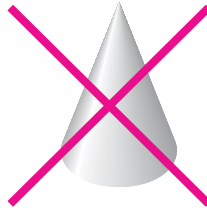
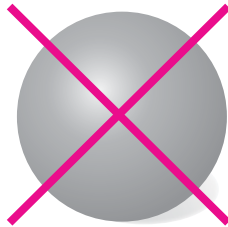
- DIRECTIONS**
1. Which picture shows an object shaped like a sphere in front of an object shaped like a cone? Mark under your answer. (Lesson 10.9)
 2. Which shape is a triangle? Mark under your answer. (Lesson 9.5)
 3. Which shows the gray counters being added to the five frame? Mark under your answer. (Lesson 5.1)

Name _____

COMMON CORE STANDARDS MACC.K.G.1.1,
MACC.K.G.1.2, MACC.K.G.1.3, MACC.K.G.2.4

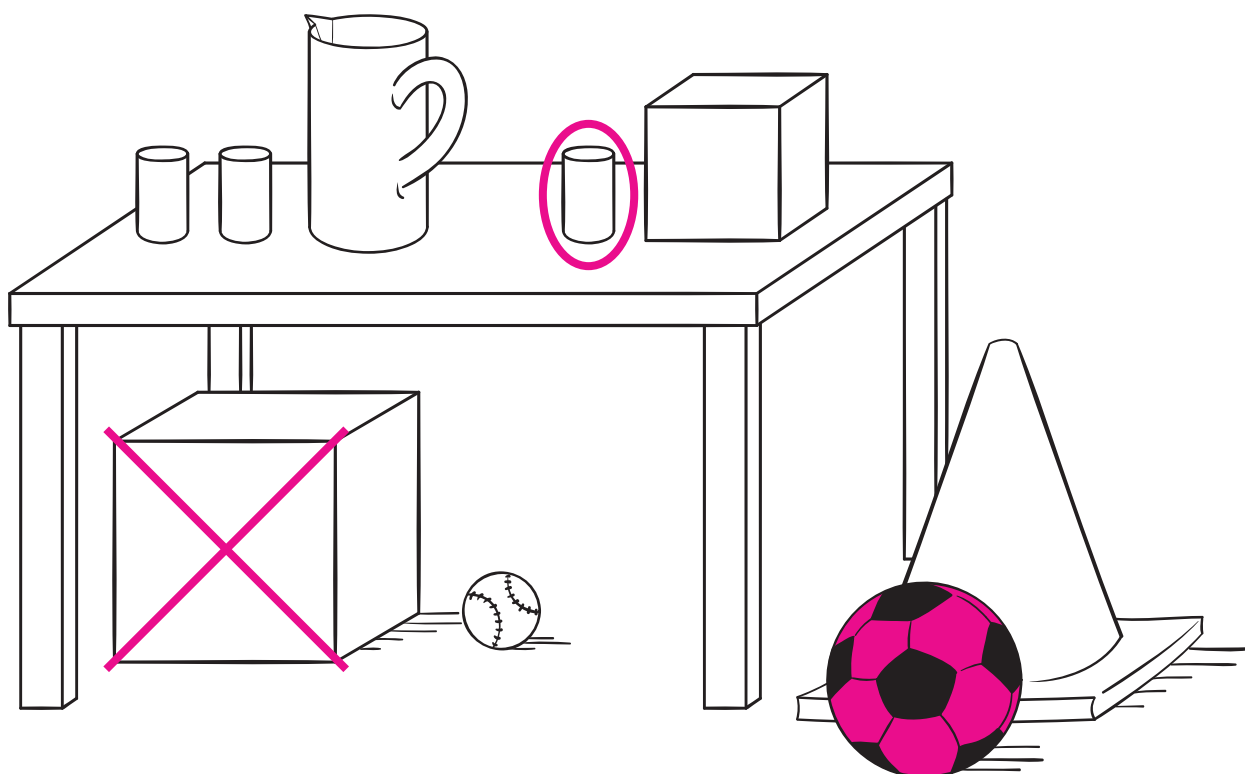
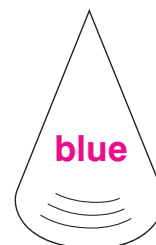
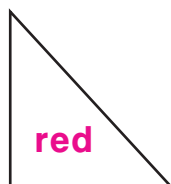
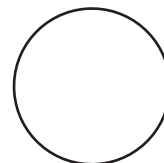
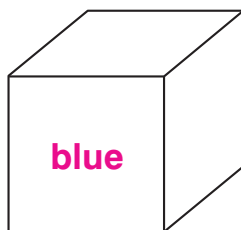
Chapter 10 Extra Practice

Lessons 10.1 – 10.5 (pp. 413–432)



DIRECTIONS 1. Which shapes do not stack? Mark an X on those shapes.
2. Identify the objects that are shaped like a sphere. Color those objects. Identify the objects that are shaped like a cube. Circle those objects. Identify the objects that are shaped like a cone. Mark an X on those objects. Identify the objects that are shaped like a cylinder. Draw a line under those objects.

Lessons 10.6 - 10.9 (pp. 433-448)



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. 2. Mark an X on the object shaped like a cube that is below the table. Draw a circle around the object shaped like a cylinder that is beside the object shaped like a cube. Color the object shaped like a sphere that is in front of the object shaped like a cone.