

School-Home Letter

Dear Family,

My class started Chapter 9 this week. In this chapter, I will learn how to identify, name, and describe two-dimensional shapes.

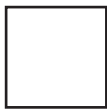
Love, _____

Vocabulary

curve a line that is rounded



vertex the point where two sides of a two-dimensional shape meet



← vertex

Home Activity

Spread out a group of household objects. Have your child point out the objects that look like circles, squares, and triangles.



Literature

Look for these books at the library. The pictures will capture your child's imagination.

Shapes, Shapes, Shapes
by Tana Hoban.
Greenwillow,
1996.

Color Farm
by Lois Ehlert.
HarperCollins,
1990.



Carta para la casa

Querida familia:

Mi clase comenzó el Capítulo 9 esta semana. En este capítulo, aprenderé cómo identificar, nombrar y describir figuras bidimensionales.

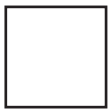
Con cariño, _____

Vocabulario

curva una línea que no es recta



vértice el punto en donde se encuentran dos lados de una figura bidimensional



← vértice

Actividad para la casa

Dé a su hijo varios objetos que encuentre en la casa y pídale que señale los que se parezcan a los cuadrados, círculos y triángulos.



Literatura

Busque este libro en la biblioteca. Las ilustraciones estimularán la imaginación de su hijo.

Shapes, Shapes, Shapes

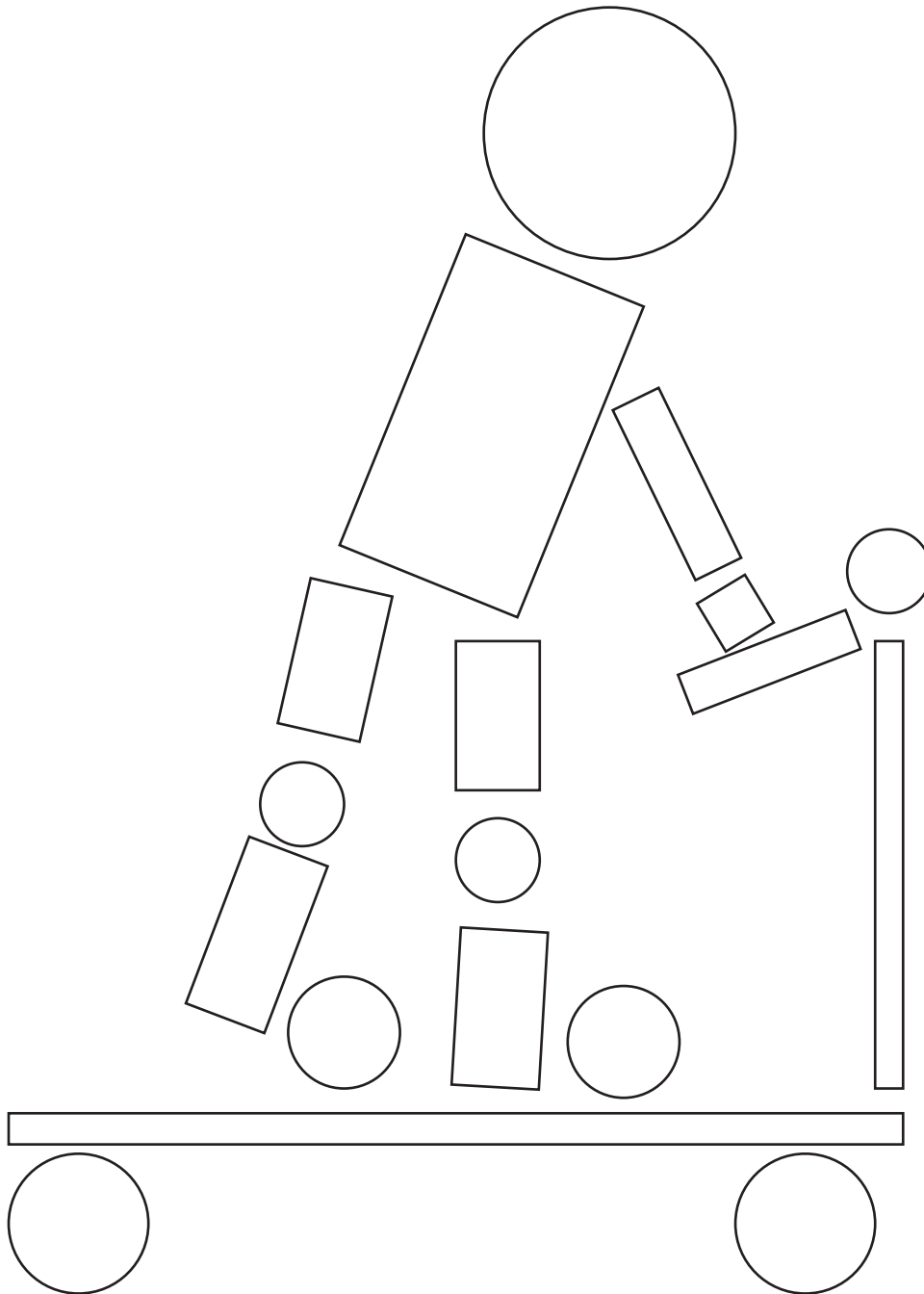
por Tana Hoban.
Greenwillow, 1996.

Color Farm

por Lois Ehlert.
HarperCollins,
1990.

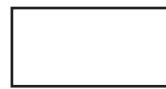
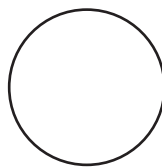
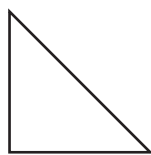
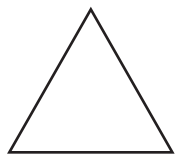
Name _____

Identify and Name Circles



DIRECTIONS 1. Color the circles in the picture.

Lesson Check



Spiral Review



17, 18, 16



18, 16, 17



16, 17, 18



16, 18, 17



$$5 + 3 = \underline{\quad}$$

5



6



7

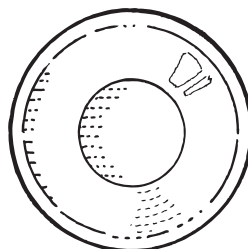
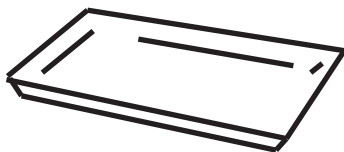
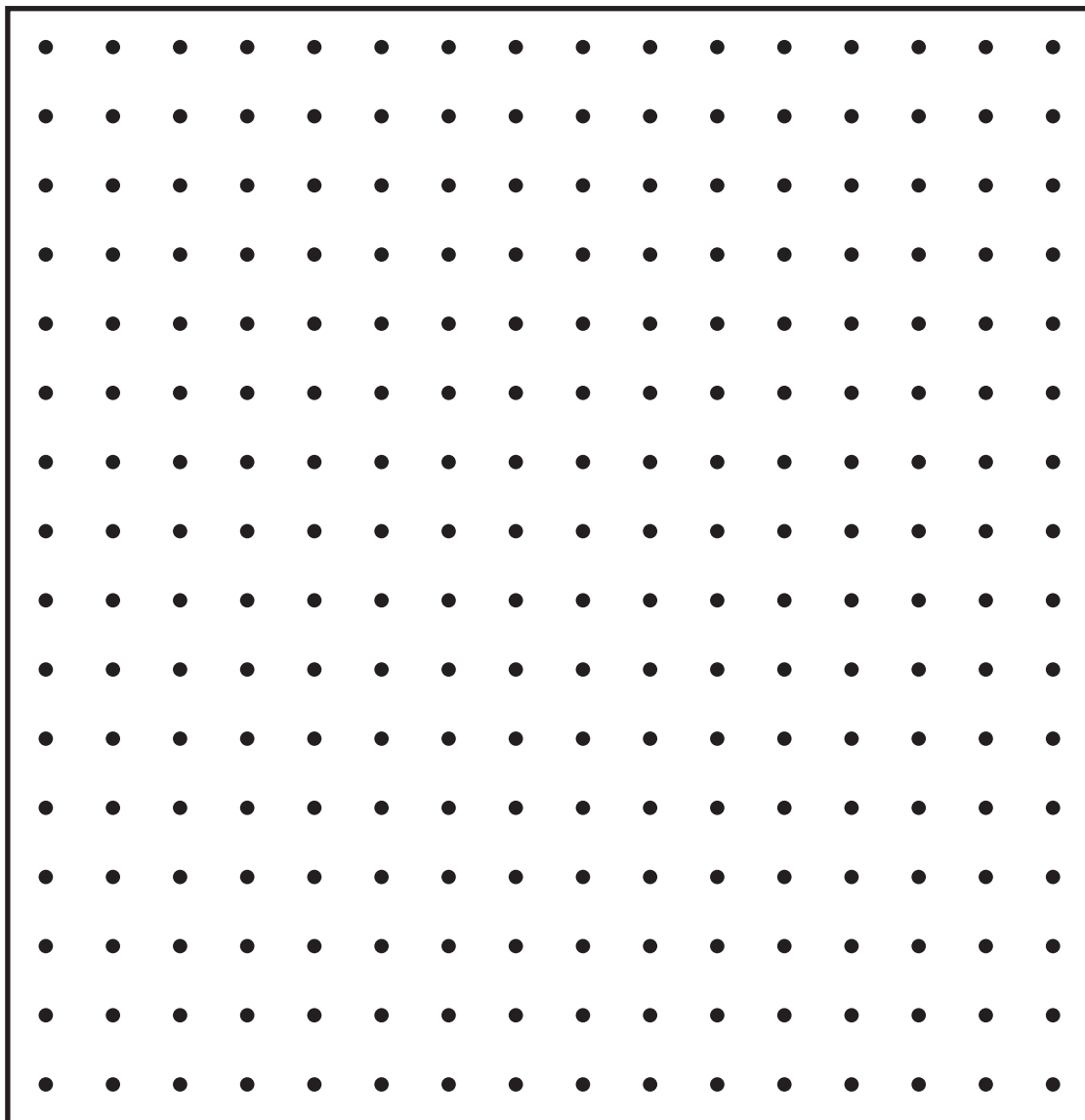


8



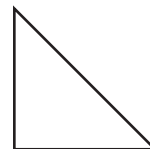
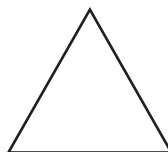
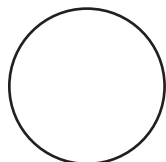
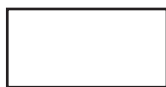
DIRECTIONS 1. Which shape is a circle? Mark under your answer. (Lesson 9.1) 2. Which set of numbers is in order? Mark under your answer. (Lesson 8.3) 3. Which number completes the addition sentence about the sets of cats? Mark under your answer. (Lesson 5.7)

Describe Circles

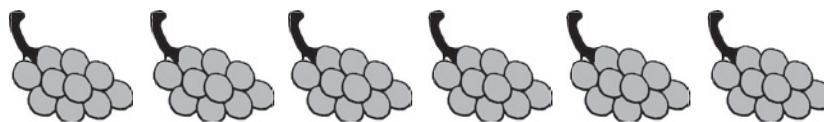


DIRECTIONS 1. Use a pencil to hold one end of a large paper clip on one of the dots in the center. Place another pencil in the other end of the paper clip. Move the pencil around to draw a circle. 2. Color the object that is shaped like a circle.

Lesson Check



Spiral Review



50



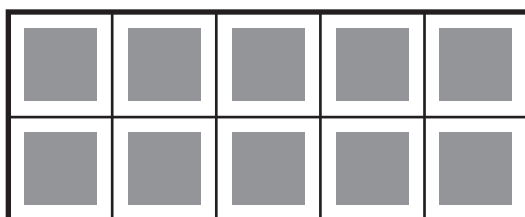
60



70



80



9



10



11



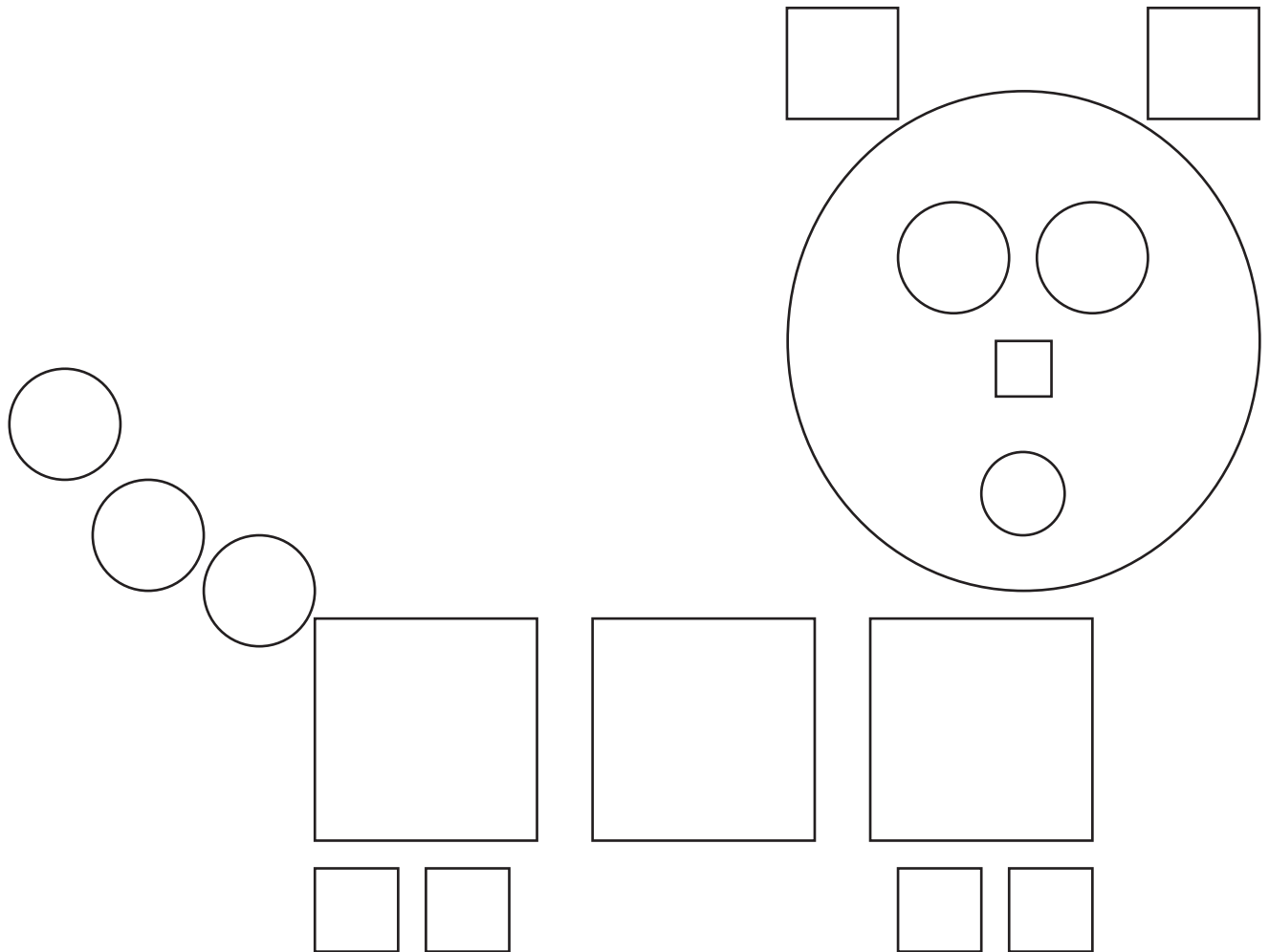
12



DIRECTIONS 1. Which shape has a curve? Mark under your answer. (Lesson 9.2) 2. Point to each set of 10 as you count by tens. Mark under the number that shows how many grapes there are. (Lesson 8.8) 3. How many tiles are there? Mark under your answer. (Lesson 7.2)

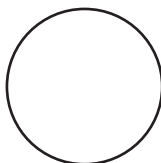
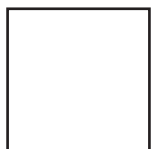
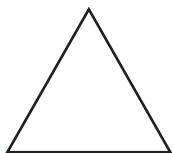
Name _____

Identify and Name Squares

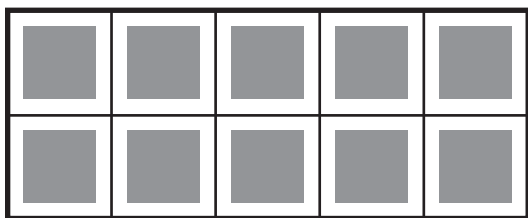


DIRECTIONS 1. Color the squares in the picture.

Lesson Check



Spiral Review



12



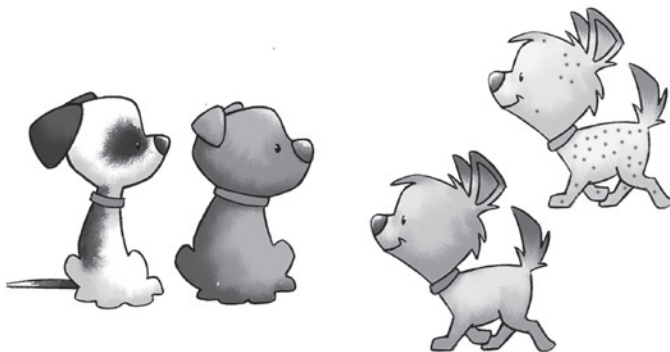
13



14



15



2



3



4

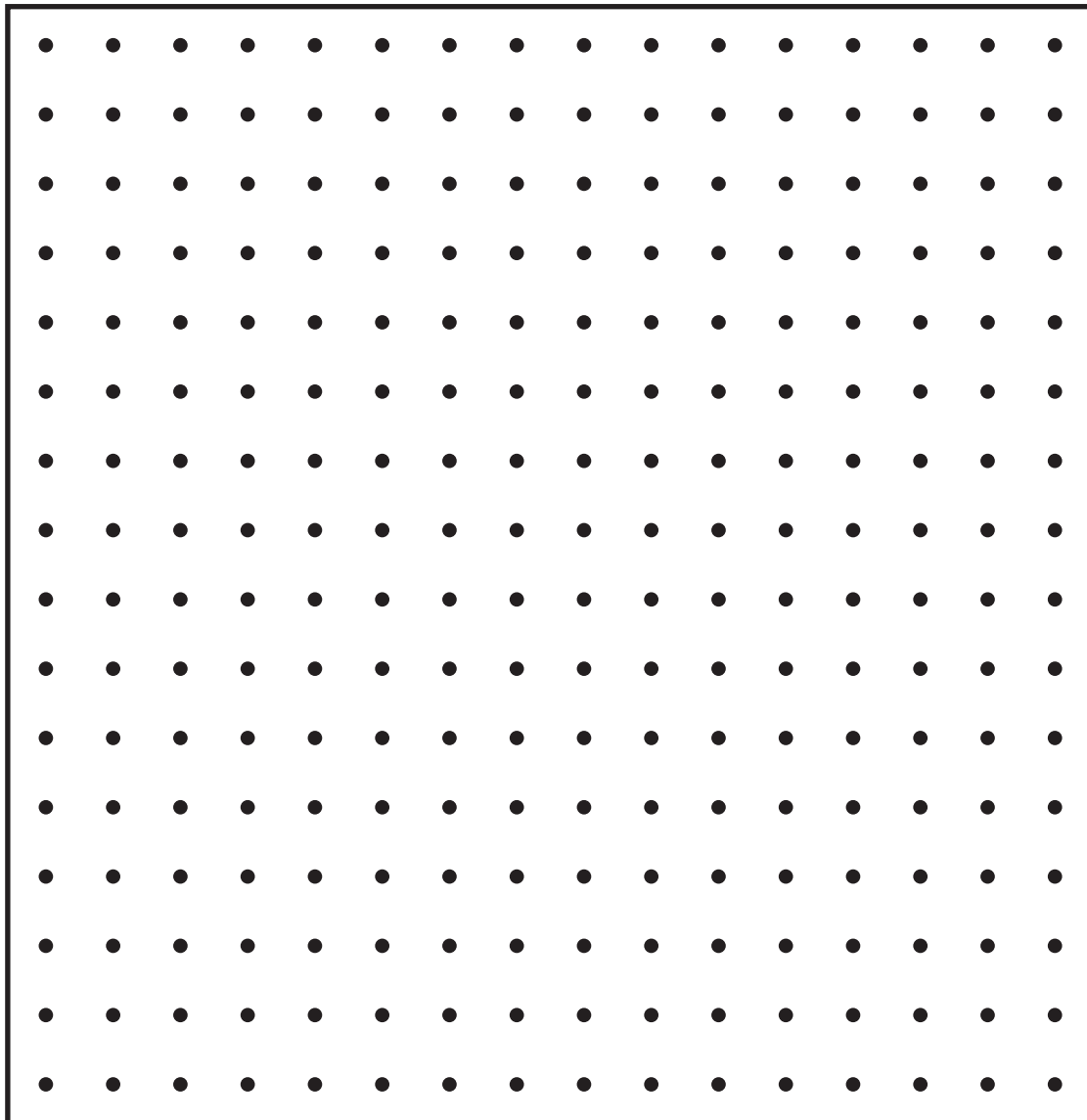


5



- DIRECTIONS** 1. Which shape is a square? Mark under your answer. (Lesson 9.3) 2. How many tiles are there? Mark under your answer. (Lesson 7.6) 3. How many puppies are there in all? Mark under your answer. (Lesson 5.3)

Describe Squares



_____ **vertices**



_____ **sides**

DIRECTIONS 1. Draw and color a square. 2. Place a counter on each corner, or vertex, of the square that you drew. Write how many corners, or vertices. 3. Trace around the sides of the square that you drew. Write how many sides.

Lesson Check



3



4



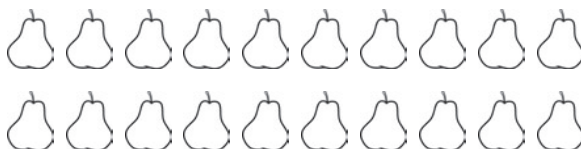
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6



Spiral Review



17



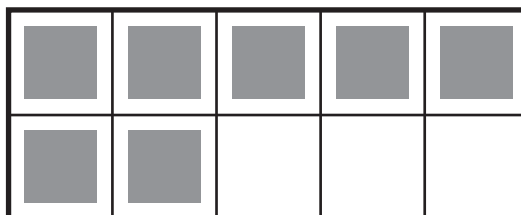
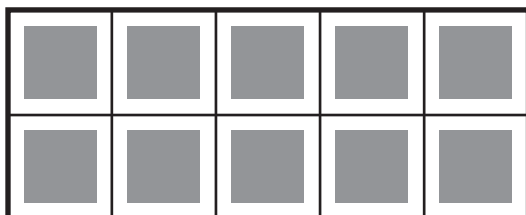
18



19



20



14



15



16

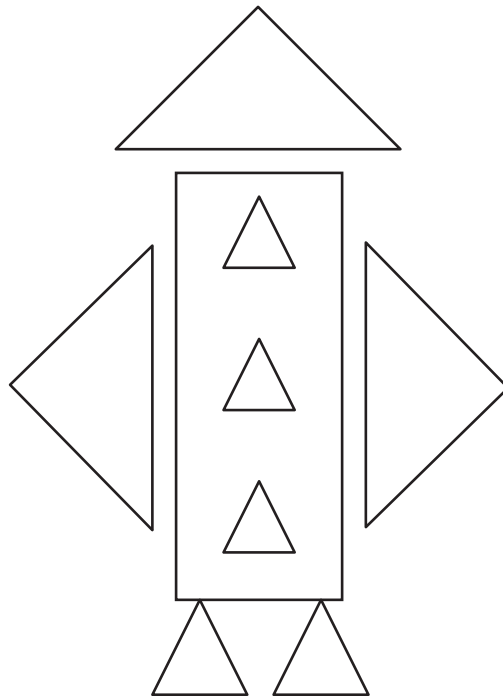
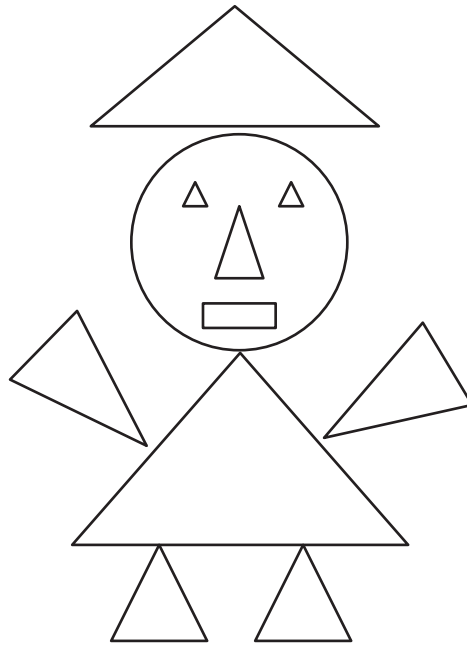


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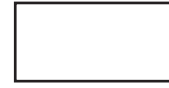
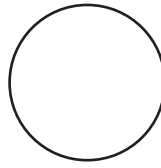
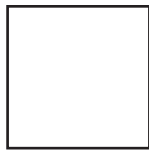
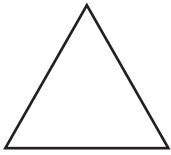
DIRECTIONS 1. How many vertices does the square have? Mark under your answer. (Lesson 9.4) 2. Count and tell how many pieces of fruit. Mark under your answer. (Lesson 8.2) 3. How many tiles are there? Mark under your answer. (Lesson 7.8)

Identify and Name Triangles



DIRECTIONS 1–2. Color the triangles in the picture.

Lesson Check



Spiral Review



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

24



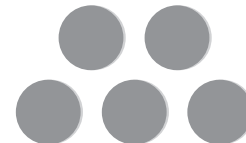
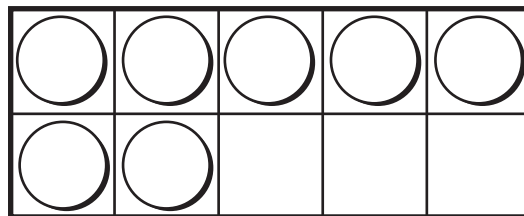
25



26

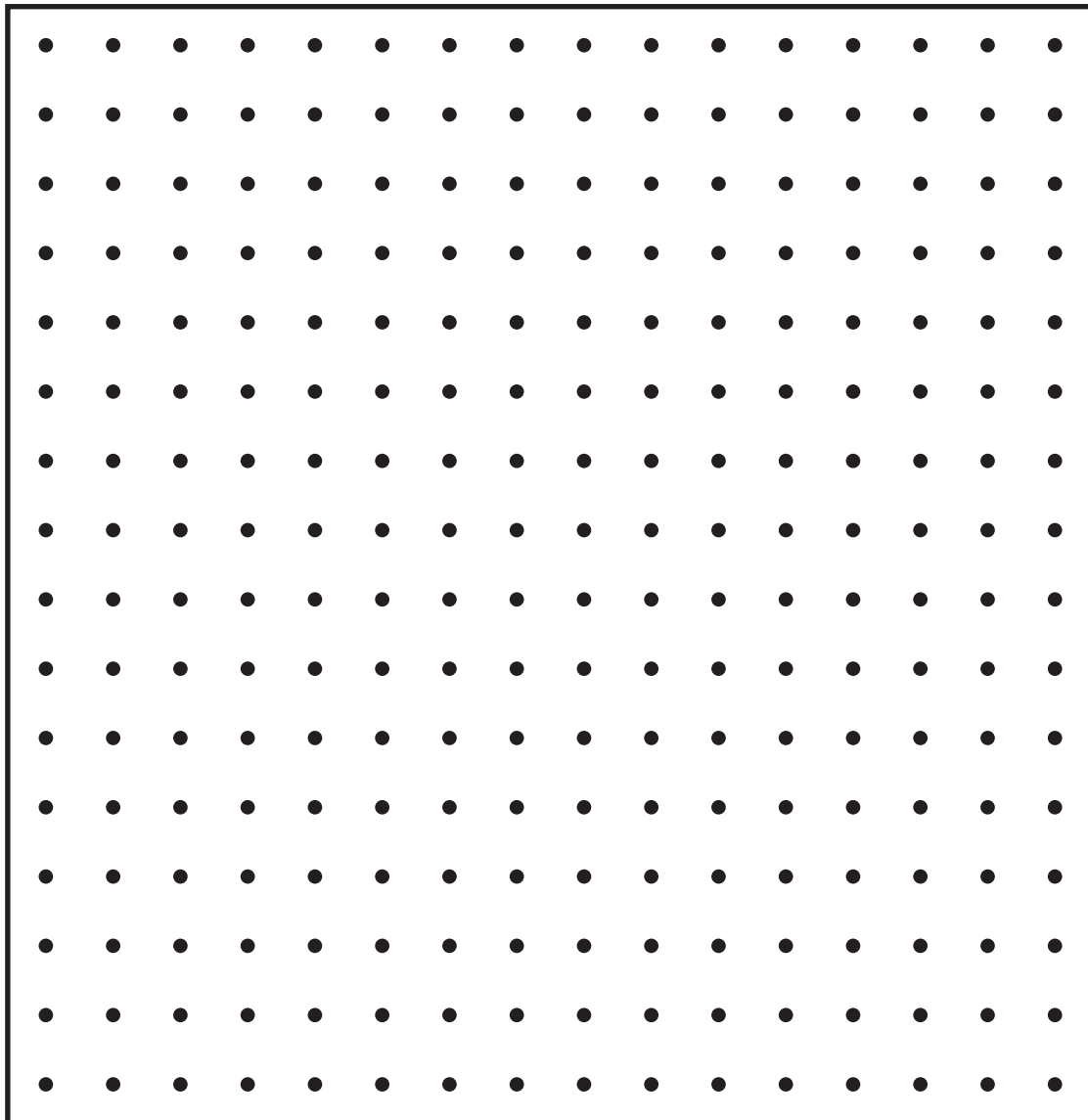


27



DIRECTIONS 1. Which shape is a triangle? Mark under your answer. (Lesson 9.5) 2. Begin with 1 and count forward to 24. What is the next number? Mark under your answer. (Lesson 8.5) 3. How many more counters would you place to model a way to make 10? Mark under your answer. (Lesson 4.1)

Describe Triangles



 - - - - -



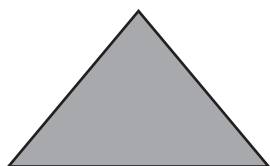
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_____ **vertices**

_____ **sides**

DIRECTIONS 1. Draw and color a triangle. 2. Place a counter on each corner, or vertex, of the triangle that you drew. Write how many corners, or vertices. 3. Trace around the sides of the triangle that you drew. Write how many sides.

Lesson Check



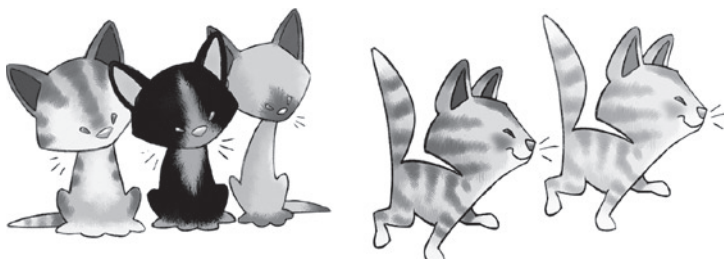
1
☐

2
☐

3
☐

4
☐

Spiral Review



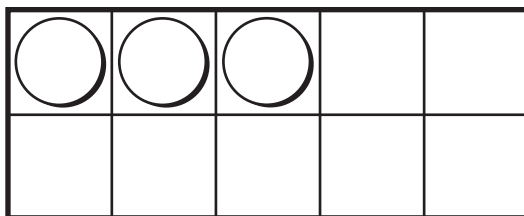
$$5 - 2 = \underline{\quad}$$

2
☐

3
☐

4
☐

5
☐



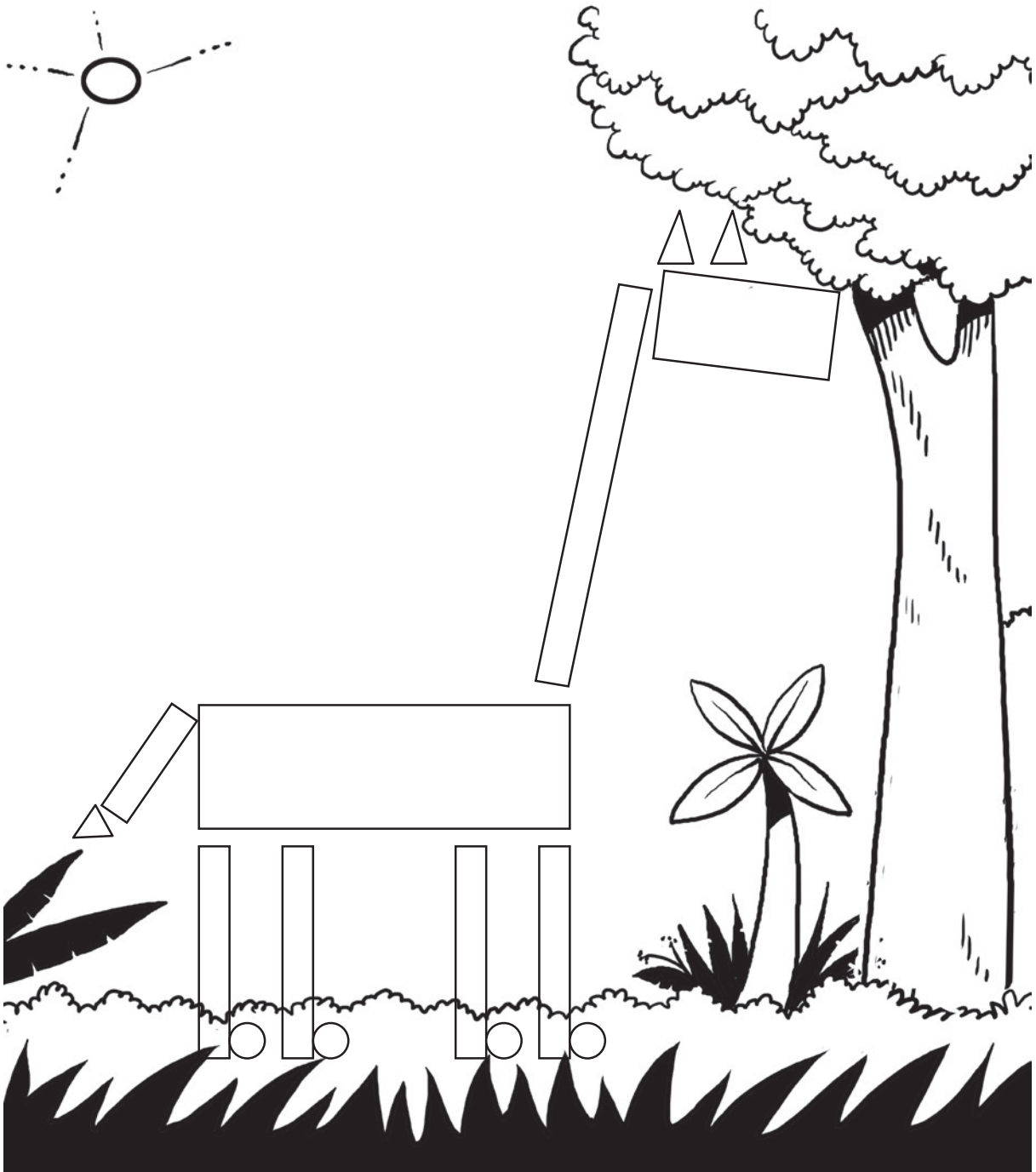
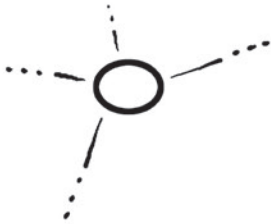
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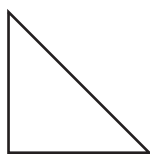
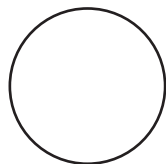
☐

☐

DIRECTIONS 1. How many sides does the triangle have? Mark under your answer. (Lesson 9.6) 2. Which number shows how many kittens are left? Mark under your answer. (Lesson 6.3) 3. How many more counters would you place to model a way to make 7? Mark under your answer. (Lesson 3.3)

Identify and Name Rectangles**DIRECTIONS** 1. Color the rectangles in the picture.

Lesson Check



Spiral Review



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

10



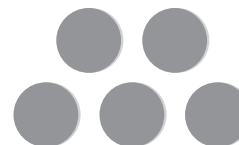
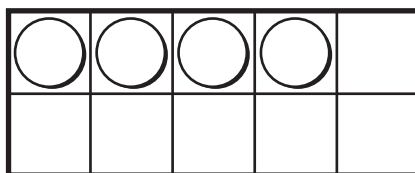
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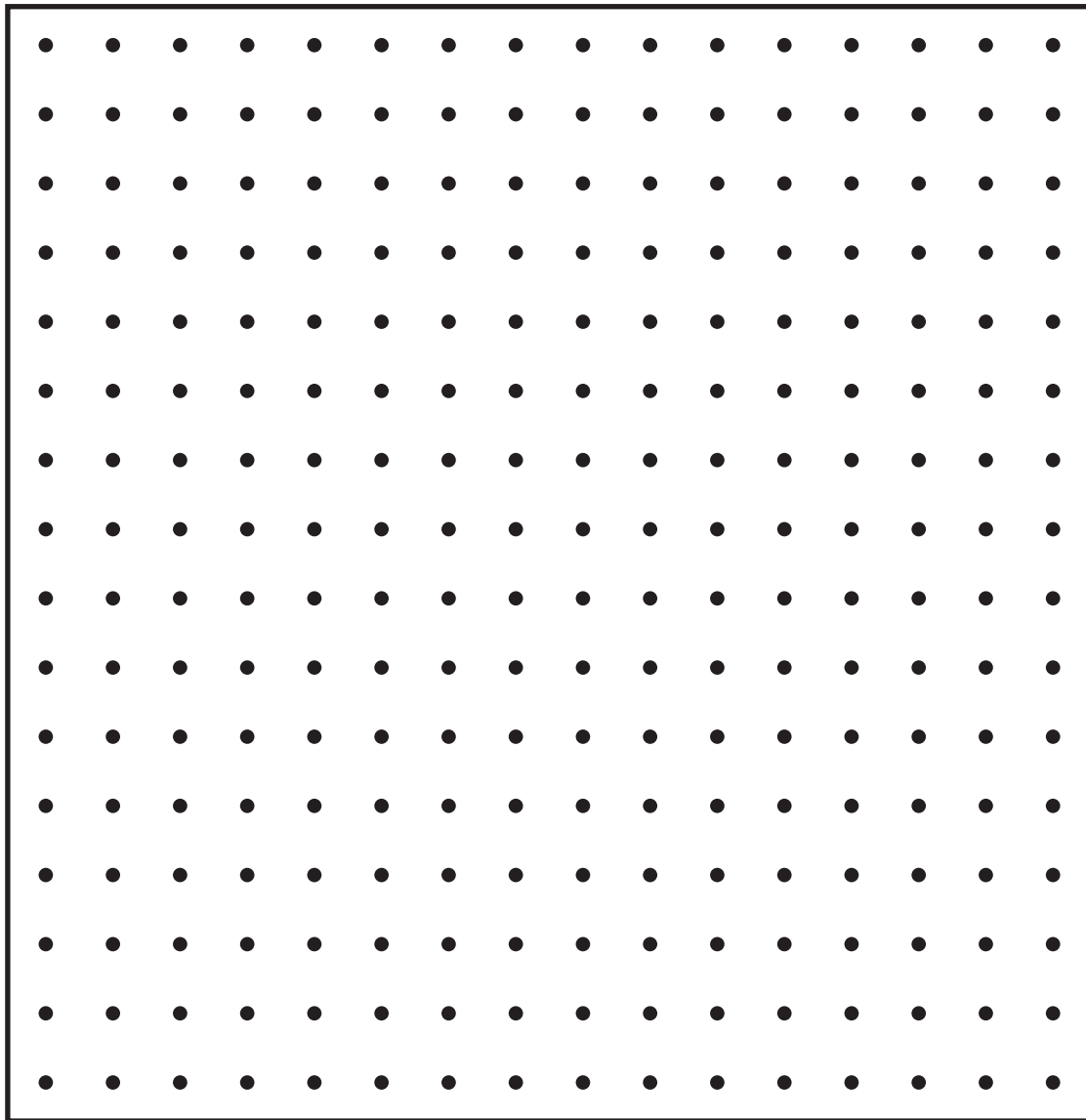


30



DIRECTIONS 1. Which shape is a rectangle? Mark under your answer. (Lesson 9.7) 2. Count by tens as you point to the numbers in the shaded boxes. Start with the number 10. What number do you end with? Mark under your answer. (Lesson 8.7) 3. How many more counters would you place to model a way to make 6? Mark under your answer. (Lesson 3.1)

Describe Rectangles





vertices

sides

DIRECTIONS 1. Draw and color a rectangle. 2. Place a counter on each corner, or vertex, of the rectangle that you drew. Write how many corners, or vertices. 3. Trace around the sides of the rectangle that you drew. Write how many sides.

Lesson Check



1
☐

2
☐

3
☐

4
☐

Spiral Review

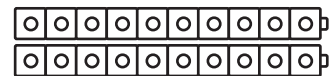


☐ $6 + 3 = 9$

☐ $8 - 3 = 5$

☐ $7 + 2 = 9$

☐ $9 - 4 = 5$



☐

☐

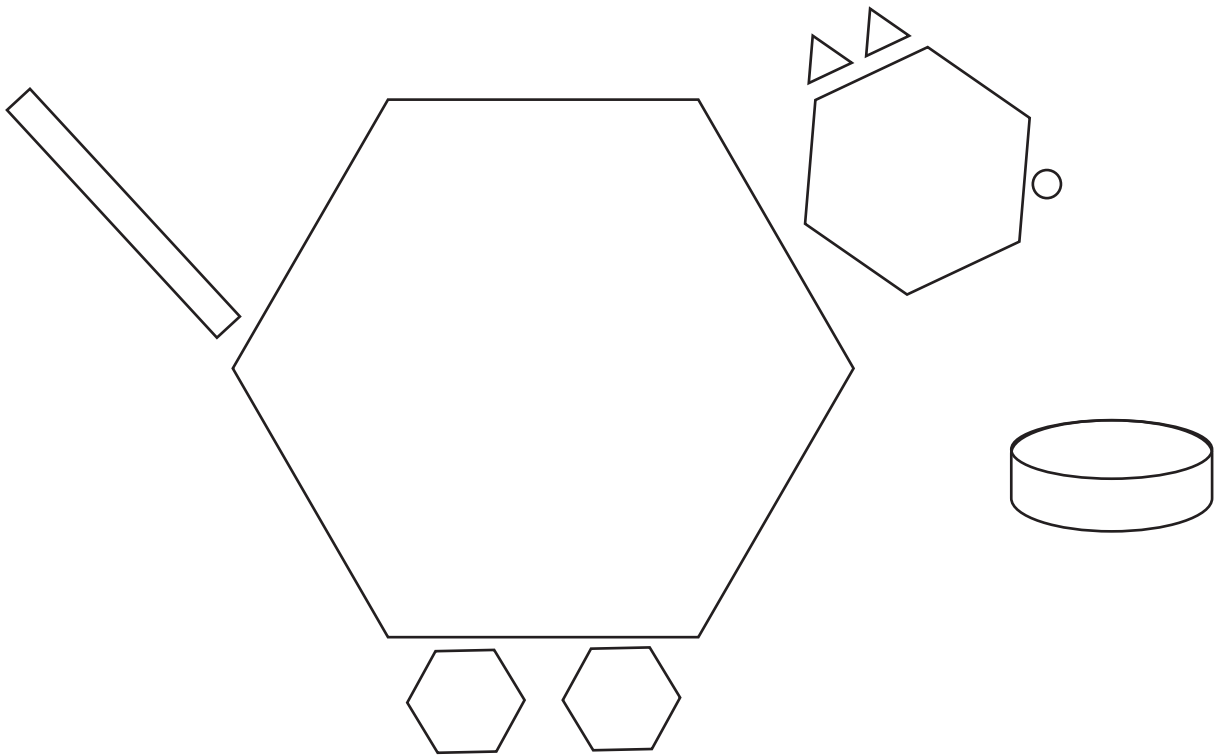
☐

☐

DIRECTIONS 1. How many sides does the rectangle have? Mark under your answer. (Lesson 9.8) 2. Mark beside the number sentence that matches the picture. (Lesson 6.7) 3. Compare the sets. Which set has a number of cubes two greater than 18? Mark under your answer. (Lesson 8.4)

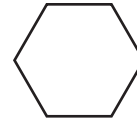
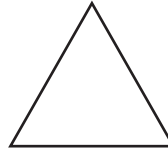
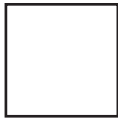
Name _____

Identify and Name Hexagons



DIRECTIONS 1. Color the hexagons in the picture.

Lesson Check



Spiral Review



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

91



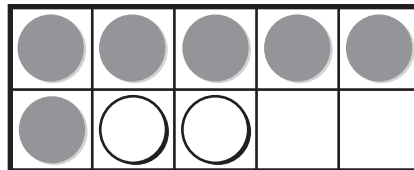
92



93



94



5 + 1



6 + 2



7 + 3

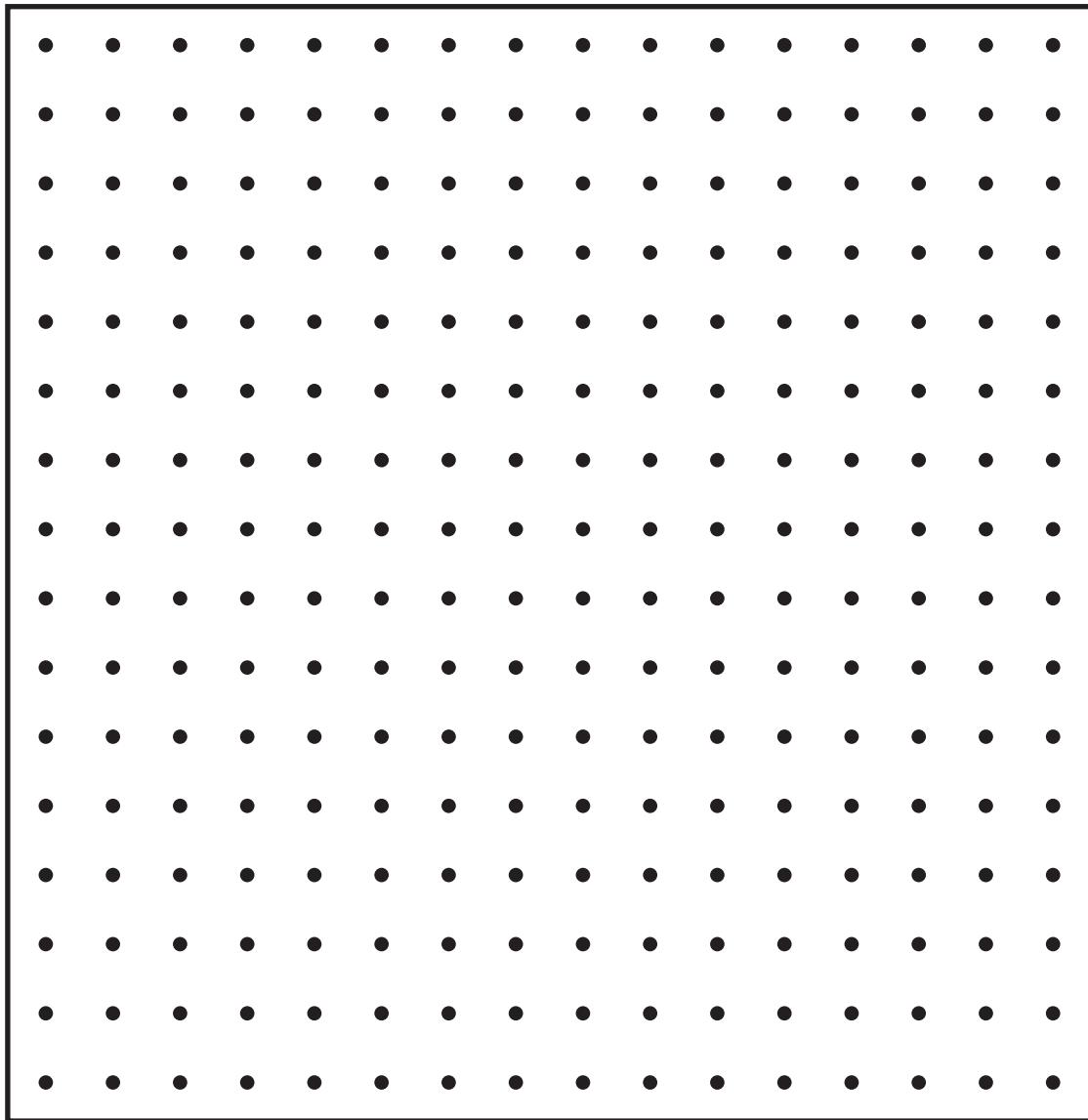


8 + 1



DIRECTIONS 1. Which shape is a hexagon? Mark under your answer. (Lesson 9.9) 2. Begin with 81 and count forward to 90. What is the next number? Mark under your answer. (Lesson 8.6) 3. Which numbers show the sets that are put together? Mark under your answer. (Lesson 5.2)

Describe Hexagons



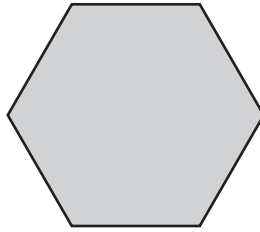
vertices



sides

DIRECTIONS 1. Draw and color a hexagon. 2. Place a counter on each corner, or vertex, of the hexagon that you drew. Write how many corners, or vertices. 3. Trace around the sides of the hexagon that you drew. Write how many sides.

Lesson Check



7
☐

6
☐

5
☐

4
☐

Spiral Review



☐ $6 = 3 + 3$

☐ $8 = 6 + 2$

☐ $7 = 6 + 1$

☐ $9 = 6 + 3$



6

4
☐

7
☐

5
☐

6
☐

- DIRECTIONS** 1. How many sides does the hexagon have? Mark under your answer. (Lesson 9.10) 2. Which addition sentence shows a number pair that matches the cube train? Mark beside your answer. (Lesson 5.11)
3. Which number is greater than 6? Mark under your answer. (Lesson 4.7)

Name _____

Algebra • Compare Two-Dimensional Shapes




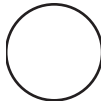
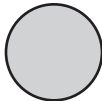


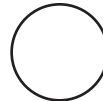


alike	different

DIRECTIONS 1. Place two-dimensional shapes on the page. Sort the shapes by the number of sides. Draw the shapes on the sorting mat. Use the words *alike* and *different* to tell how you sorted the shapes.

Lesson Check




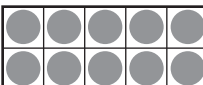

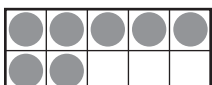




							
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Spiral Review



19

			
			
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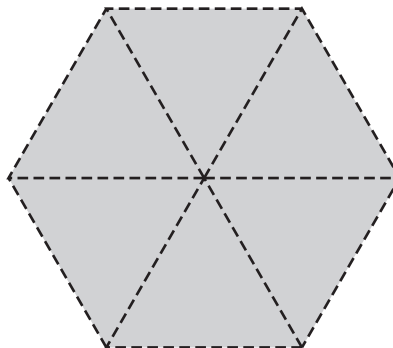
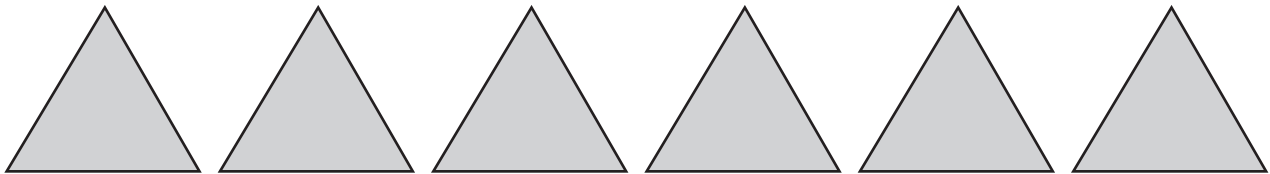
				
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1 and 1	1 and 2	1 and 3	1 and 4
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DIRECTIONS 1. Which two shapes are alike in some way? Mark under your answer. (Lesson 9.11) 2. Which set of counters shows the number 19? Mark under your answer. (Lesson 7.9) 3. Which shows the gray counters being added to the five frame? Mark under your answer. (Lesson 5.1)

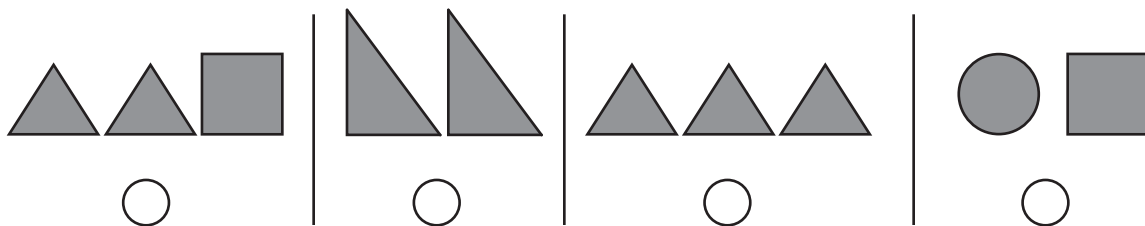
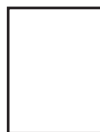
Name _____

Problem Solving • Draw to Join Shapes

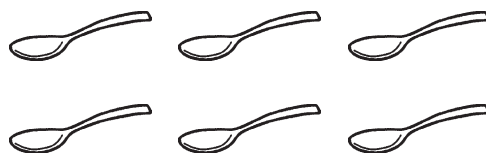
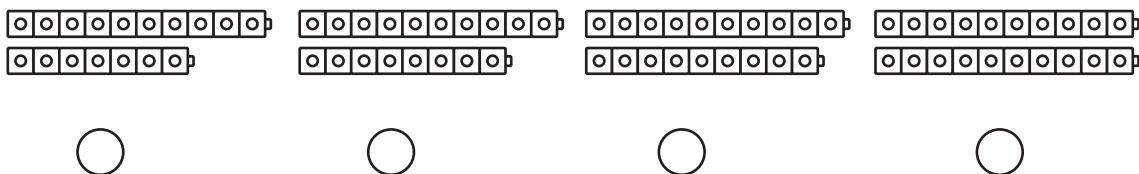


DIRECTIONS 1. Place triangles on the page as shown. How can you join all of the triangles to make a hexagon? Trace around the triangles to draw the hexagon.
2. How can you join some of the triangles to make a larger triangle? Trace around the triangles to draw the larger triangle.

Lesson Check



Spiral Review



5

6

7

8

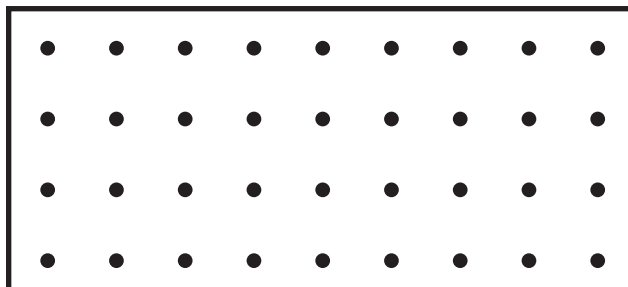
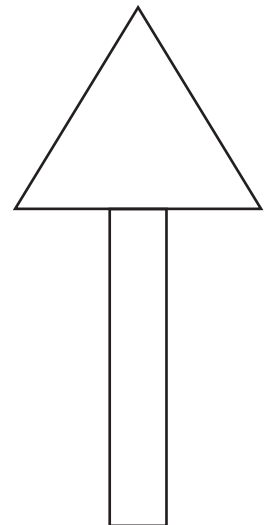
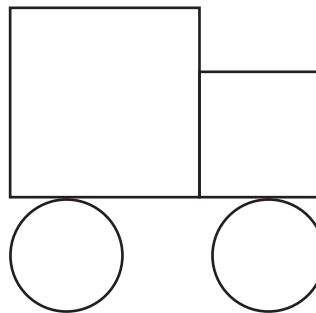
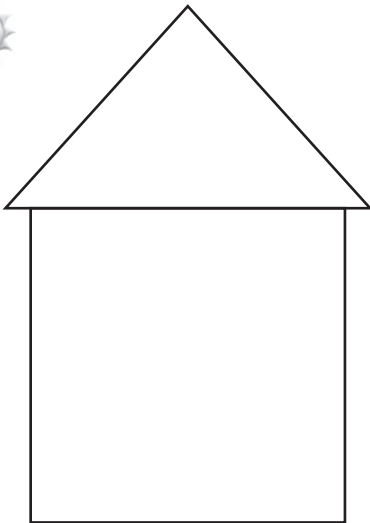
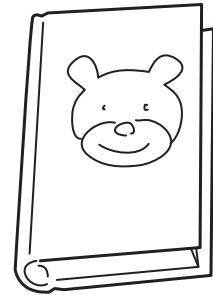
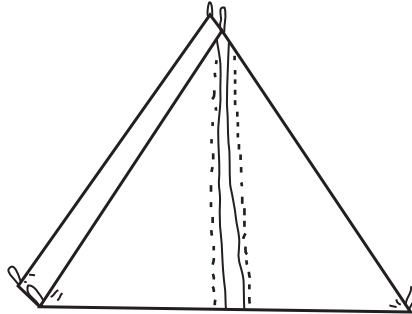
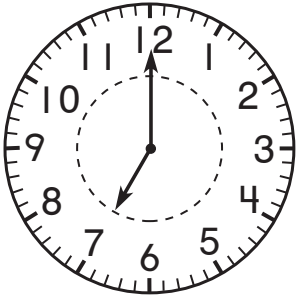


DIRECTIONS 1. Which shapes could you join to make the rectangle above?
Mark under your answer. (Lesson 9.12) 2. Which set of cubes models the number 20?
Mark under your answer. (Lesson 8.1) 3. Mark under the number that is less than the
number of spoons. (Lesson 4.6)

Name _____

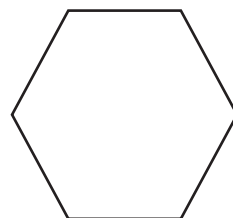
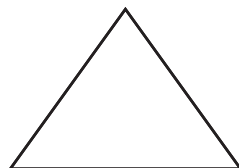
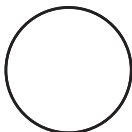
Chapter 9 Extra Practice

Lessons 9.1 - 9.6 (pp. 357-379)



DIRECTIONS 1. Color the object that is shaped like a circle. 2. Use red to color the squares in the picture. Use green to color the triangles. 3. Draw and color a triangle.

Lessons 9.7 - 9.12 (pp. 381-404)



_____ **vertices**

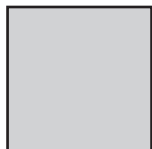
_____ **sides**



alike



different



DIRECTIONS 1. Mark an X on the rectangle. Draw a line under the hexagon. 2. Look at the hexagon in Exercise 1. Write how many corners, or vertices. Write how many sides. 3. Place these two-dimensional shapes on the page. Sort them by the number of vertices as shown. Trace the shapes. Color the shapes that have three vertices. 4. Place two squares on the page as shown. How can you join the squares to make a rectangle? Trace around the squares to draw the rectangle.