

Grade 2 Unit 6 Module 1

Practice Pages for Math at Home

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NAME _____

DATE _____



Place Value on Wheels page 1 of 2

1 Read each number. Then write it in expanded form.

ex fifty-six $56 = 50 + 6$	a thirty-two	b seventy-five
c eighteen	d seventy-four	e twenty-eight
f ninety-three	g forty-five	h sixty-seven

2 Find each sum.

$60 + 8 = \underline{\quad}$

$20 + 3 = \underline{\quad}$

$50 + 9 = \underline{\quad}$

$70 + 15 = \underline{\quad}$

$40 + 17 = \underline{\quad}$

$10 + 18 = \underline{\quad}$

$60 + 14 = \underline{\quad}$

$50 + 13 = \underline{\quad}$

$50 + 19 = \underline{\quad}$

$$\begin{array}{r} 30 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ + 16 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ + 12 \\ \hline \end{array}$$

3 Circle the correct answer.

a The 5 in 581 is in the	ones place	tens place	hundreds place
b The 5 in 358 is in the	ones place	tens place	hundreds place
c The 5 in 205 is in the	ones place	tens place	hundreds place
d The 5 in 502 is in the	ones place	tens place	hundreds place

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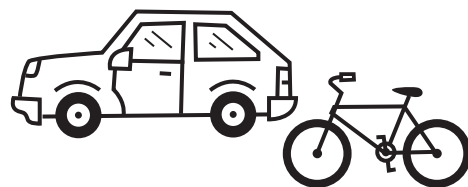
NAME _____

DATE _____

Place Value on Wheels page 2 of 2

- 4** There are 10 bikes and 6 cars in the school parking lot. How many wheels in all?
Show your work.

There are _____ wheels in the parking lot.



- 5 CHALLENGE** Ben saw some wagons and trikes on the playground. In all, he saw 27 wheels. How many wagons and how many trikes did he see? There are two possible answers. Can you find both of them? Show your work.

_____ wagons and _____ trikes	_____ wagons and _____ trikes
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NAME _____

DATE _____



Last Shape In Wins page 1 of 2

Note to Families


Last Shape In Wins is an easy and fun strategy game that gives children a chance to see the results of combining some familiar shapes. We play it at school with pattern blocks, but you'll be coloring in the shapes instead. Have fun!

Materials

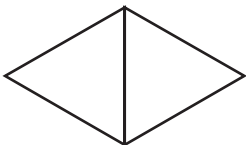
- Last Shape In Wins, pages 1–2
- crayons, markers, or colored pencils in the following colors: yellow, green, blue, and red

Instructions

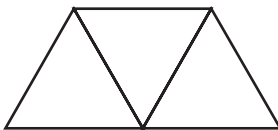
- 1 With your partner, decide who will go first and who will go second.
- 2 Take turns coloring in shapes on the first game board.
 - a You may color in one or more triangles to form one of the shapes shown below.



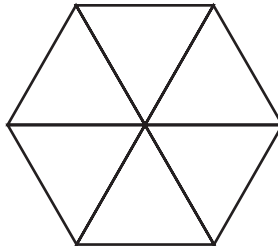
a triangle
color it green



a rhombus
color it blue



a trapezoid
color it red

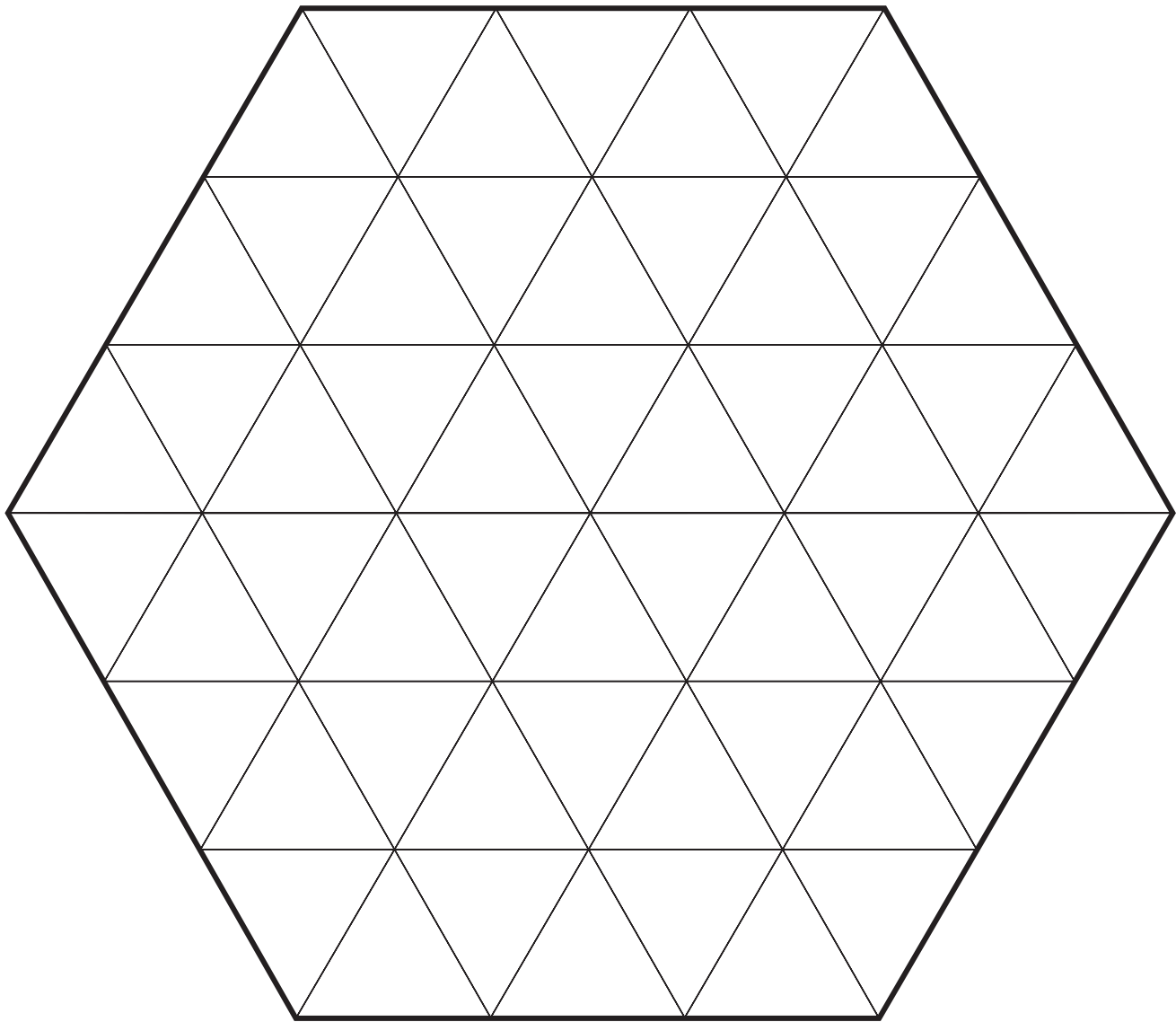
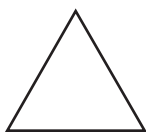


a hexagon
color it yellow
 - b You can color in any one of the four shapes anywhere on the game board each time it's your turn. It is a good idea to outline the shape first before you start coloring.
 - c You must take your turn every time.
- 3 The winner is the player who gets to complete filling in the game board (the big hexagon) by coloring in the last shape.
- 4 **CHALLENGE** Try to use the fewest number of shapes to fill in the big hexagon. See if you can use even fewer the second time you play.
- 5 When you have time, play the game a second time.

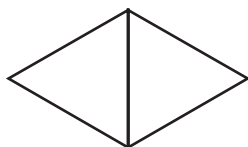
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NAME _____

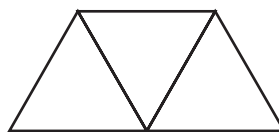
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Last Shape In Wins page 2 of 2**Shapes**

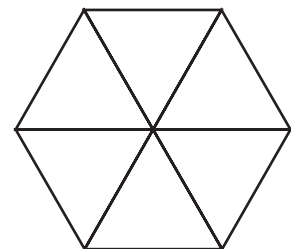
a triangle
color it green



a rhombus
color it blue



a trapezoid
color it red



a hexagon
color it yellow

NAME _____

DATE _____



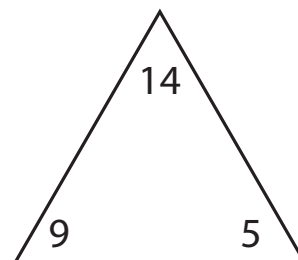
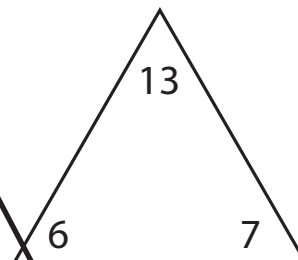
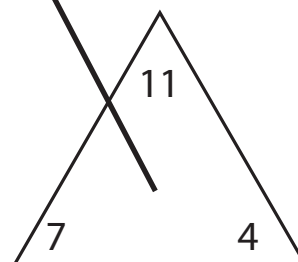
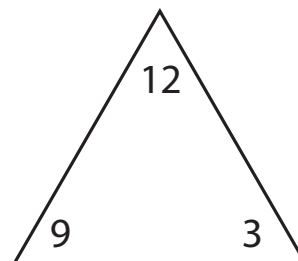
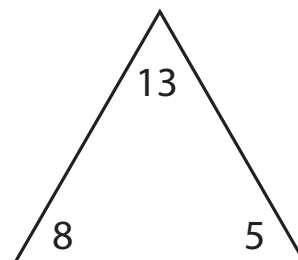
Facts & Shapes page 1 of 2

- 1** Match each Unifix train to its fact family triangle. Then write 2 addition and 2 subtraction equations to match. Write them under the train.

ex

$$4 + 7 = 11 \quad 7 + 4 = 11$$

$$11 - 4 = 7 \quad 11 - 7 = 4$$

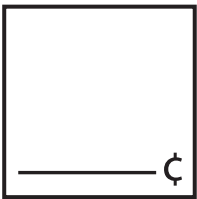

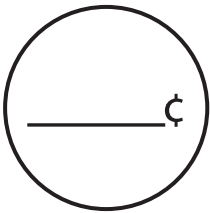

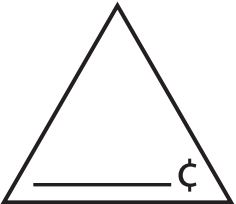

**a****b****c****d**

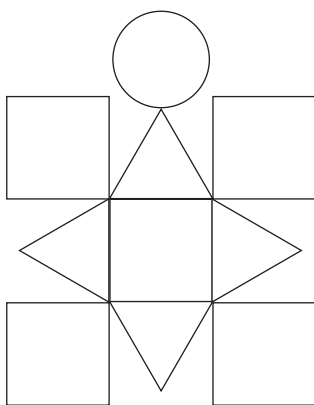
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NAME _____

DATE _____

Facts & Shapes page 2 of 2**2** Count the money to find out how much each shape is worth. Write the price on the shape.

<p>a</p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 20px;">  </div>	<p>b</p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 20px;">  </div>	<p>c</p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 20px;">  </div>
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3 Maria bought some shapes at the Shapes Shop. She used all her shapes to make this picture. How much money did she spend? Show your work.**4** Use squares, circles, and triangles to make a picture worth 48¢. Label your work to prove it.

Answer Keys

NAME _____

DATE _____

**Place Value on Wheels** page 1 of 2**1** Read each number. Then write it in expanded form.

ex fifty-six $56 = 50 + 6$	a thirty-two $32 = 30 + 2$	b seventy-five $75 = 70 + 5$
c eighteen $18 = 10 + 8$	d seventy-four $74 = 70 + 4$	e twenty-eight $28 = 20 + 8$
f ninety-three $93 = 90 + 3$	g forty-five $45 = 40 + 5$	h sixty-seven $67 = 60 + 7$

2 Find each sum.

$60 + 8 = \underline{68}$

$20 + 3 = \underline{23}$

$50 + 9 = \underline{59}$

$70 + 15 = \underline{85}$

$40 + 17 = \underline{57}$

$10 + 18 = \underline{28}$

$60 + 14 = \underline{74}$

$50 + 13 = \underline{63}$

$50 + 19 = \underline{69}$

$$\begin{array}{r} 30 \\ + 19 \\ \hline 49 \end{array}$$

$$\begin{array}{r} 60 \\ + 16 \\ \hline 76 \end{array}$$

$$\begin{array}{r} 20 \\ + 17 \\ \hline 37 \end{array}$$

$$\begin{array}{r} 40 \\ + 14 \\ \hline 54 \end{array}$$

$$\begin{array}{r} 80 \\ + 11 \\ \hline 91 \end{array}$$

$$\begin{array}{r} 40 \\ + 15 \\ \hline 55 \end{array}$$

$$\begin{array}{r} 70 \\ + 12 \\ \hline 82 \end{array}$$

3 Circle the correct answer.

a The 5 in 581 is in the	ones place	tens place	<u>hundreds place</u>
b The 5 in 358 is in the	ones place	<u>tens place</u>	hundreds place
c The 5 in 205 is in the	<u>ones place</u>	tens place	hundreds place
d The 5 in 502 is in the	ones place	tens place	<u>hundreds place</u>

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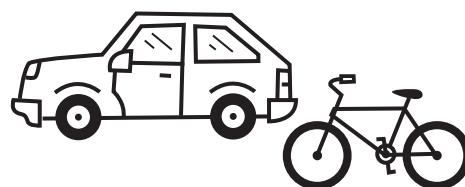
NAME _____

DATE _____

Place Value on Wheels page 2 of 2

- 4** There are 10 bikes and 6 cars in the school parking lot. How many wheels in all? Show your work.

There are 44 wheels in the parking lot.



- 5 CHALLENGE** Ben saw some wagons and trikes on the playground. In all, he saw 27 wheels. How many wagons and how many trikes did he see? There are two possible answers. Can you find both of them? Show your work.

Student work will vary.

3 wagons and 5 trikes

6 wagons and 1 trikes

NAME _____

DATE _____



Last Shape In Wins page 1 of 2

Note to Families

Last Shape In Wins is an easy and fun strategy game that gives children a chance to see the results of combining some familiar shapes. We play it at school with pattern blocks, but you'll be coloring in the shapes instead. Have fun!

Materials

- Last Shape In Wins, pages 1–2
- crayons, markers, or colored pencils in the following colors: yellow, green, blue, and red

Instructions

- 1 With your partner, decide who will go first and who will go second.
- 2 Take turns coloring in shapes on the first game board.
 - a You may color in one or more triangles to form one of the shapes shown below.

a triangle
color it green

a rhombus
color it blue

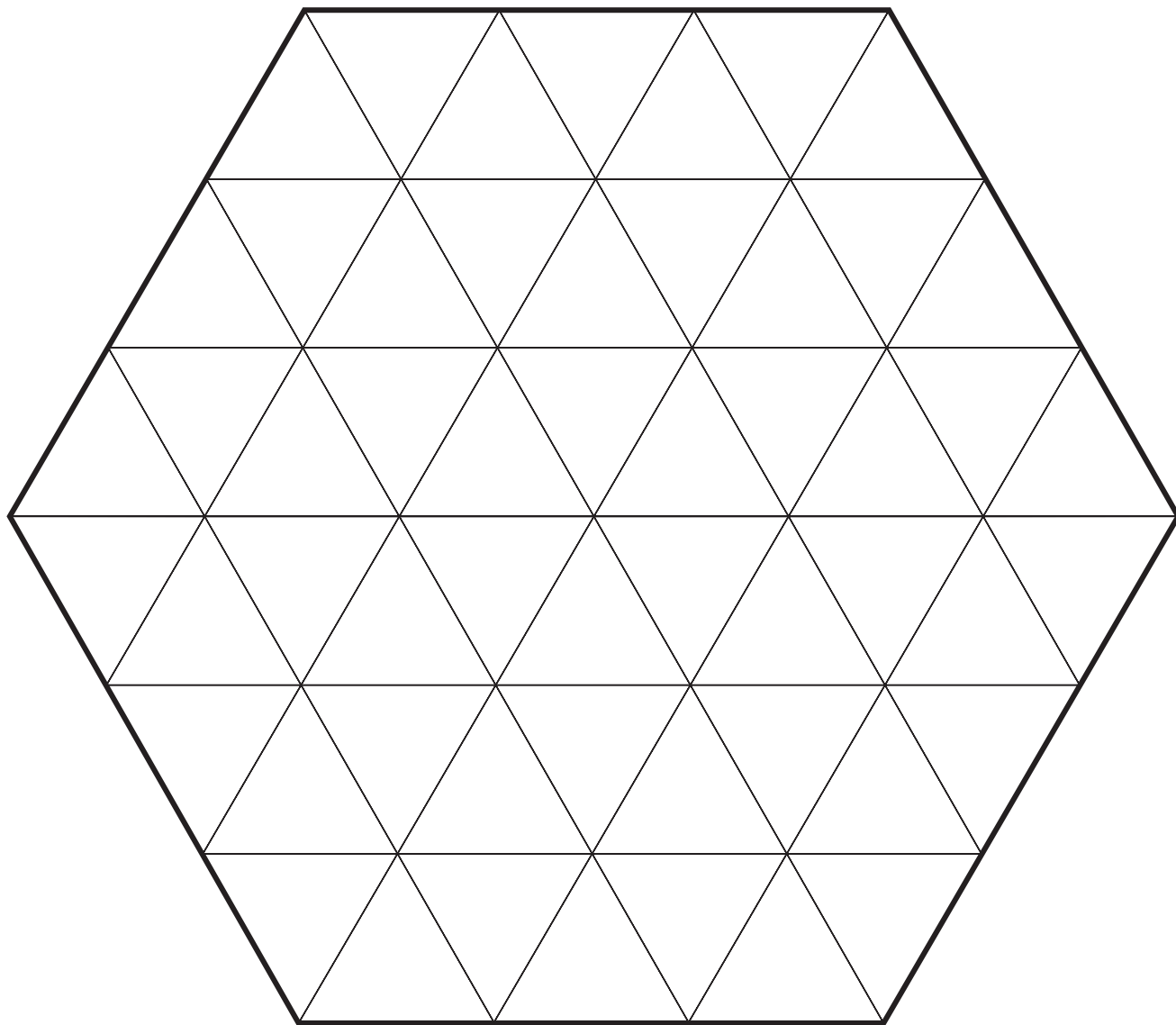
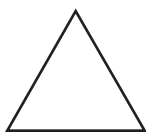
a trapezoid
color it red

a hexagon
color it yellow
 - b You can color in any one of the four shapes anywhere on the game board each time it's your turn. It is a good idea to outline the shape first before you start coloring.
 - c You must take your turn every time.
- 3 The winner is the player who gets to complete filling in the game board (the big hexagon) by coloring in the last shape.
- 4 **CHALLENGE** Try to use the fewest number of shapes to fill in the big hexagon. See if you can use even fewer the second time you play.
- 5 When you have time, play the game a second time.

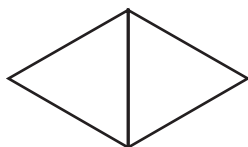
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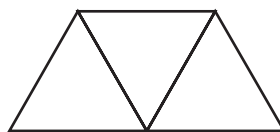
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Last Shape In Wins page 2 of 2**Shapes**

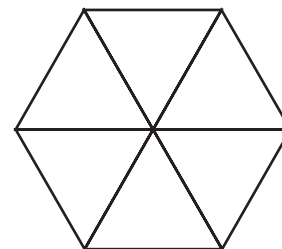
a triangle
color it green



a rhombus
color it blue



a trapezoid
color it red



a hexagon
color it yellow

NAME _____

DATE _____



Facts & Shapes page 1 of 2

- 1 Match each Unifix train to its fact family triangle. Then write 2 addition and 2 subtraction equations to match. Write them under the train.

ex

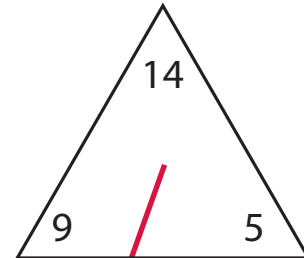


$$4 + 7 = 11$$

$$7 + 4 = 11$$

$$11 - 4 = 7$$

$$11 - 7 = 4$$



a

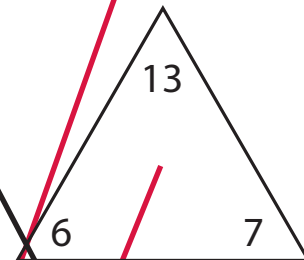


$$8 + 5 = 13$$

$$5 + 8 = 13$$

$$13 - 8 = 5$$

$$13 - 5 = 8$$



b

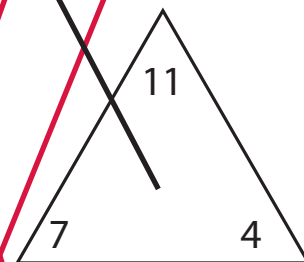


$$9 + 3 = 12$$

$$3 + 9 = 12$$

$$12 - 9 = 3$$

$$12 - 3 = 9$$



c

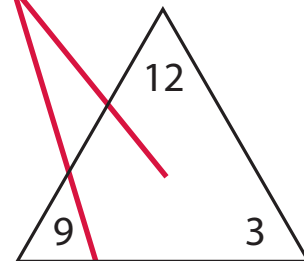


$$9 + 5 = 14$$

$$5 + 9 = 14$$

$$14 - 9 = 5$$

$$14 - 5 = 9$$



d

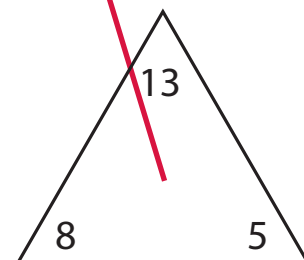


$$6 + 7 = 13$$

$$7 + 6 = 13$$

$$13 - 6 = 7$$

$$13 - 7 = 6$$



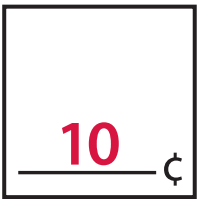

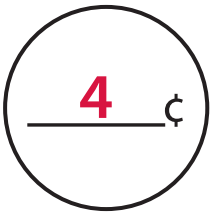

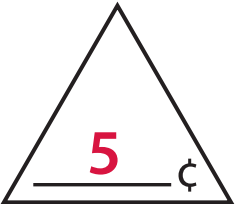

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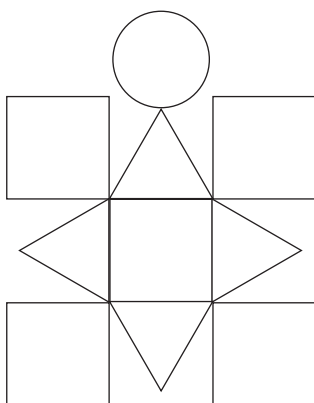
DATE _____

Facts & Shapes page 2 of 2

- 2** Count the money to find out how much each shape is worth. Write the price on the shape.

<p>a</p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 10px;">  </div>	<p>b</p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 10px;">  </div>	<p>c</p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 10px;">  </div>
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- 3** Maria bought some shapes at the Shapes Shop. She used all her shapes to make this picture. How much money did she spend? Show your work.



Student work will vary.

74

- 4** Use squares, circles, and triangles to make a picture worth 48¢. Label your work to prove it.

Student work will vary.