

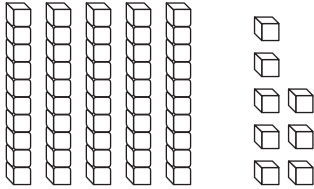
Name \_\_\_\_\_

**Algebra • Ways to Expand Numbers**

Write how many tens and ones.

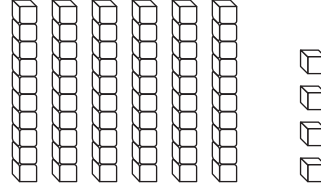
Write the number in two different ways.

1.



$$\begin{array}{r} \underline{5} \text{ tens } \underline{8} \text{ ones} \\ \underline{50} + \underline{8} \\ \underline{58} \end{array}$$

2.



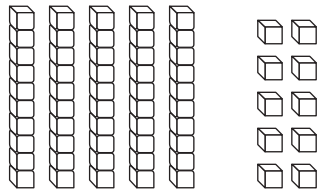
$$\begin{array}{r} \underline{\quad} \text{ tens } \underline{\quad} \text{ ones} \\ \underline{\quad} + \underline{\quad} \\ \underline{\quad} \end{array}$$

**Problem Solving**

3. Draw the same number using only tens.

Write how many tens and ones.

Write the number in two different ways.

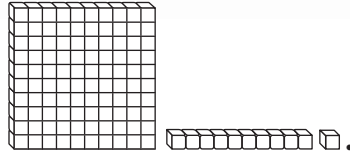


$$\begin{array}{r} \underline{\quad} \text{ tens } \underline{\quad} \text{ ones} \\ \underline{\quad} + \underline{\quad} \\ \underline{\quad} \end{array}$$

$$\begin{array}{r} \underline{\quad} \text{ tens } \underline{\quad} \text{ ones} \\ \underline{\quad} + \underline{\quad} \\ \underline{\quad} \end{array}$$

Name \_\_\_\_\_

## Identify Place Value



Use your MathBoard and .

Draw to complete the quick picture.

Write how many hundreds, tens, and ones.

1.

163



hundreds	tens	ones
1	6	3

2.

128



hundreds	tens	ones
_____	_____	_____

3.

154



hundreds	tens	ones
_____	_____	_____

### Problem Solving

Circle your answer.

4. I have 1 hundred, 2 tens, and 5 ones. What number am I?

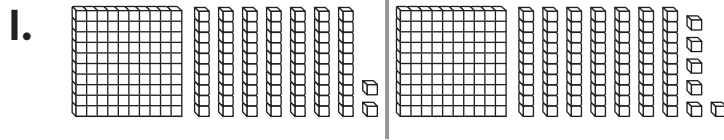
25      100      125

5. I have 0 ones, 5 tens, and 1 hundred. What number am I?

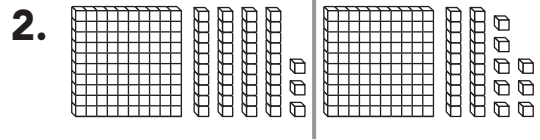
103      105      150

Name \_\_\_\_\_

## Use Place Value to Compare Numbers

Write the numbers. Compare. Write  $>$ ,  $<$ , or  $=$ .

$$\underline{172} < \underline{176}$$



$$\underline{\quad} \bigcirc \underline{\quad}$$

Compare the numbers using  $>$ ,  $<$ , or  $=$ .

3.  $162 \bigcirc 162$

4.  $154 \bigcirc 148$

5.  $195 \bigcirc 199$

6.  $133 \bigcirc 137$

7.  $129 \bigcirc 126$

8.  $141 \bigcirc 141$

9.  $119 \bigcirc 125$

10.  $173 \bigcirc 173$

11.  $187 \bigcirc 192$

12.  $153 \bigcirc 153$

13.  $191 \bigcirc 178$

14.  $144 \bigcirc 153$

## Problem Solving



Solve.

15. Josh is thinking of a number between 100 and 199. It has 1 hundred, 4 tens, and 9 ones. Pia is thinking of a number between 100 and 199. It has 1 hundred, 8 tens, and 2 ones. Who is thinking of the greater number?

Draw or write to explain.

\_\_\_\_\_ is thinking of a greater number.

Name \_\_\_\_\_

**Algebra • Addition Function Tables**

Follow a rule to complete the table.

1.

Add 4	
6	
7	
8	

2.

Add 6	
3	
4	
5	

3.

Add 9	
6	
7	
8	

4.

Add 7	
5	
6	
8	
9	

5.

Add 3	
2	
4	
6	
8	

6.

Add 5	
5	
6	
7	
8	

**Problem Solving**

Solve. Complete the table.

7. Kirk is 9 years old.  
 Sasha is 7 years old.  
 Pam is 5 years old.  
 How old will each child be in 5 years?

Kirk	9	
Sasha	7	
Pam	5	

Name \_\_\_\_\_

**Algebra • Subtraction Function Tables**

Follow a rule to complete the table.

1.

Subtract 5	
6	
7	
8	

2.

Subtract 6	
9	
10	
11	

3.

Subtract 4	
9	
10	
11	

4.

Subtract 8	
11	
13	
15	
16	

5.

Subtract 9	
11	
13	
15	
17	

6.

Subtract 7	
9	
12	
13	
15	

**Problem Solving**

7. Solve. Complete the table.

Layla has 6 pens.

Mark has 5 pens.

Jorge has 4 pens.

How many pens will each child have if they each give away 3 pens?

Layla

Mark

Jorge

Layla	6
Mark	5
Jorge	4

Name \_\_\_\_\_

**Algebra • Follow the Rule**

Follow a rule to complete the table.

1.

Add 4	
6	
7	
8	
9	

2.

Subtract 2	
7	
8	
9	
10	

3.

Subtract 5	
5	
7	
9	
11	

4.

Subtract 4	
6	
8	
10	
12	

5.

Add 7	
10	
9	
8	
7	

6.

Add 3	
6	
5	
4	
3	

**Problem Solving**

Find the rule. Complete the table.

7.

4	
	8
8	10
	12

8.

	6
8	7
10	
	11

Name \_\_\_\_\_

**Add 3 Numbers**

Use strategies to find the sums.  
Circle any strategy you use.

1. 
$$\begin{array}{r} 1 \\ 6 \\ +9 \\ \hline \end{array}$$
 make a 10  
doubles  
count on

2. 
$$\begin{array}{r} 3 \\ 5 \\ +5 \\ \hline \end{array}$$
 make a 10  
doubles  
count on

3. 
$$\begin{array}{r} 8 \\ 6 \\ +2 \\ \hline \end{array}$$
 make a 10  
doubles  
count on

4. 
$$\begin{array}{r} 3 \\ 4 \\ +7 \\ \hline \end{array}$$
 make a 10  
doubles  
count on

5. 
$$\begin{array}{r} 2 \\ 7 \\ +8 \\ \hline \end{array}$$
 make a 10  
doubles  
count on

6. 
$$\begin{array}{r} 5 \\ 4 \\ +5 \\ \hline \end{array}$$
 make a 10  
doubles  
count on

7. 
$$\begin{array}{r} 7 \\ 5 \\ +2 \\ \hline \end{array}$$
 make a 10  
doubles  
count on

8. 
$$\begin{array}{r} 6 \\ 3 \\ +6 \\ \hline \end{array}$$
 make a 10  
doubles  
count on

9. 
$$\begin{array}{r} 2 \\ 6 \\ +7 \\ \hline \end{array}$$
 make a 10  
doubles  
count on

**Problem Solving**

10. Andy has 5 red marbles, 4 blue marbles, and 6 yellow marbles. How many marbles does he have?

\_\_\_\_\_ marbles

Name \_\_\_\_\_

**Add a One-Digit Number to a Two-Digit Number**

Add. Write the sum.

1. 
$$\begin{array}{r} 34 \\ + 5 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 44 \\ + 3 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 37 \\ + 1 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 37 \\ + 1 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 91 \\ + 4 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 84 \\ + 2 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 45 \\ + 3 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 12 \\ + 7 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 24 \\ + 4 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 32 \\ + 5 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 71 \\ + 7 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 53 \\ + 2 \\ \hline \end{array}$$

**Problem Solving**

13. There are 21 children in the pool. Then 5 more children join them. How many children are in the pool now?

\_\_\_\_\_ children



Name \_\_\_\_\_

**Add Two-Digit Numbers**

Add. Write the sum.

1. 
$$\begin{array}{r} 31 \\ +52 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 65 \\ +34 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 21 \\ +32 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 14 \\ +21 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 72 \\ +26 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 46 \\ +31 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 53 \\ +12 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 34 \\ +54 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 27 \\ +50 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 84 \\ +11 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 32 \\ +53 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 56 \\ +22 \\ \hline \end{array}$$

**Problem Solving**

13. Evan has 15 toy cars. His brother has 13 toy cars. How many toy cars do the boys have together?

\_\_\_\_\_ toy cars

Name \_\_\_\_\_

**Repeated Addition**

Use your MathBoard and ●. Make equal groups. Complete the addition sentence.

	Number of Equal Groups	Number in Each Group	How many in all?
1.	2	4	$\underline{4} + \underline{4} = \underline{8}$
2.	3	6	$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$
3.	4	3	$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$
4.	5	5	$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$

**Problem Solving**

Solve.

5. There are 3 bowls. There are 3 apples in each bowl. How many apples are there?

\_\_\_\_\_ apples

6. There are 2 shelves. Each shelf has 5 books. How many books are there?

\_\_\_\_\_ books

Name \_\_\_\_\_

**Use Repeated Addition to Solve Problems**

Draw pictures to show the story.

Write the addition to solve.

1. Krista plays with 3 friends.  
She wants to give each friend  
4 pretzels. How many pretzels  
does Krista need?

\_\_\_\_\_ pretzels

2. Ed plants seeds with 5 friends.  
He wants to give each friend  
5 seeds. How many seeds  
does Ed need?

\_\_\_\_\_ seeds

**Problem Solving**

Circle the way you can model the problem.

Then solve.

3. There are 5 friends. Each  
friend has 4 books. How  
many books are there?

5 groups of 5 books

5 groups of 4 books







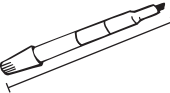





4 groups of 5 books

There are \_\_\_\_\_ books.

Name \_\_\_\_\_


## Choose a Non-Standard Unit to Measure Length

Use real objects. Choose a unit to measure the length. Then measure.

	Object	Unit	Measurement
1.		 	about ____
2.		 	about ____
3.		 	about ____
4.		 	about ____

### Problem Solving



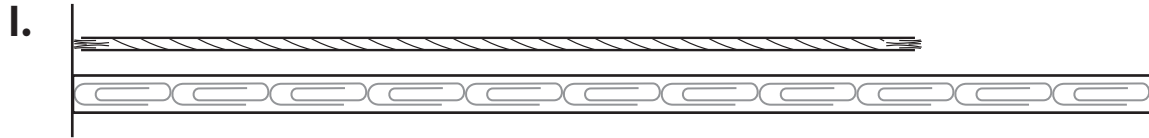
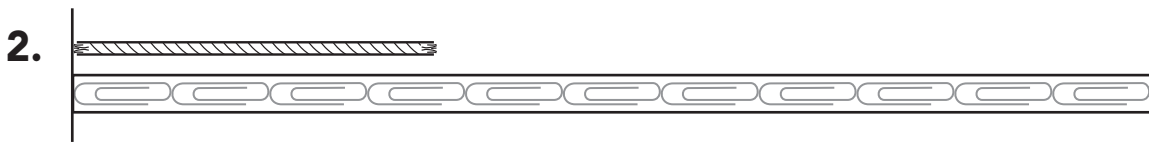
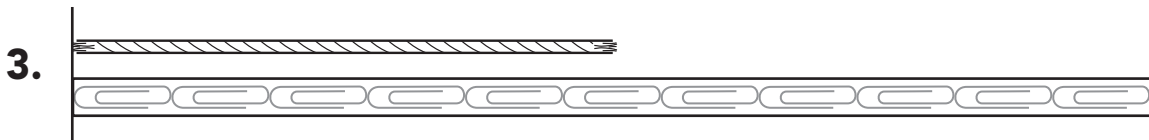
5. Shira uses  to measure the fork. Brandon measures the fork and gets a measurement that is less than Shira's measurement. Circle the unit that Brandon uses.




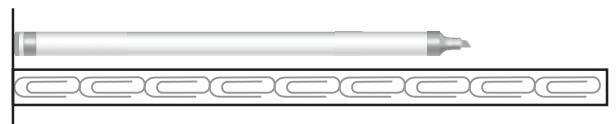
Name \_\_\_\_\_

**Use a Non-Standard Ruler**

About how long is the string?

about \_\_\_\_\_ about \_\_\_\_\_ about \_\_\_\_\_ **Problem Solving****Real World**

4. Travis measures his marker. He says it is about 7  long. Is he correct? Explain.




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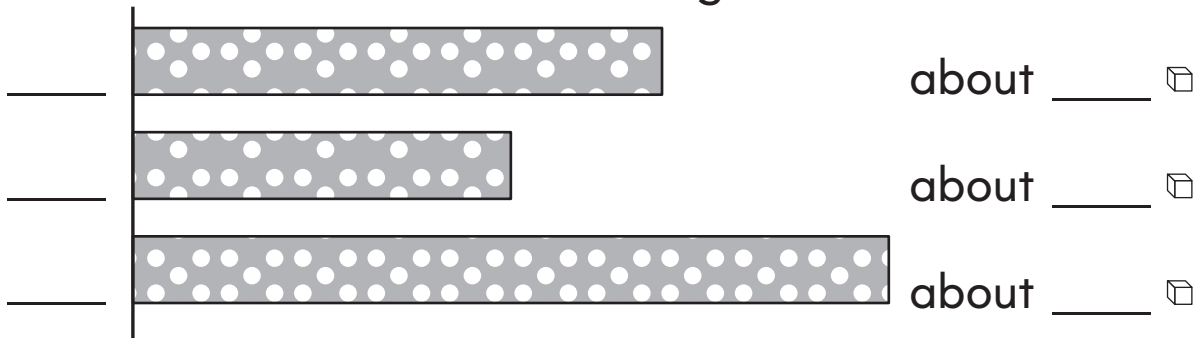


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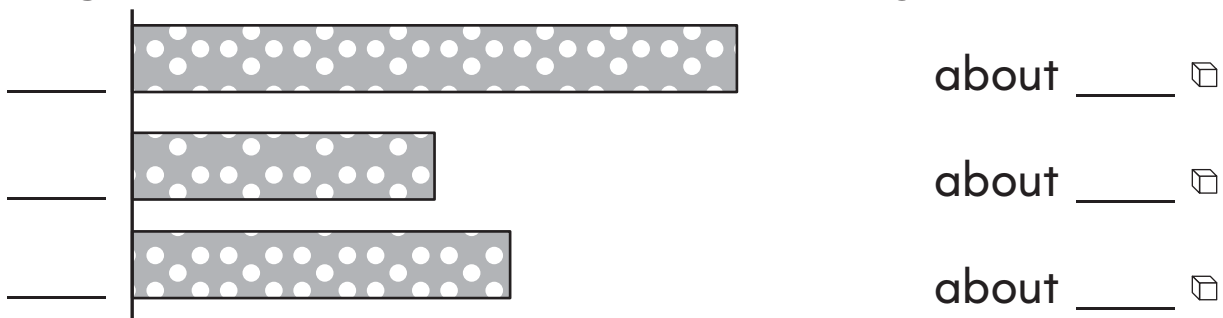
Name \_\_\_\_\_

## Compare Lengths

1. Write 1, 2, and 3 to order the ribbons **shortest** to **longest**. Then measure in  $\square$ . Write the lengths.

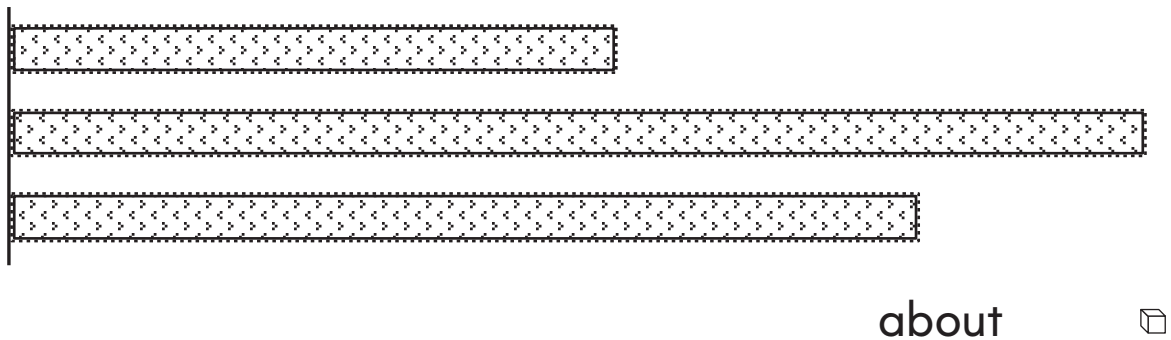


2. Write 1, 2, and 3 to order the ribbons from **shortest** to **longest**. Then measure in  $\square$ . Write the lengths.



### Problem Solving

3. Julie has these pieces of lace. Julie gives Megan the shortest one. Measure with  $\square$  and write the length of Megan's lace.



Name \_\_\_\_\_

**Time to the Hour and Half Hour**

Write the time shown on the clock.

1.



\_\_\_\_\_

2.



\_\_\_\_\_

3.



\_\_\_\_\_

4.



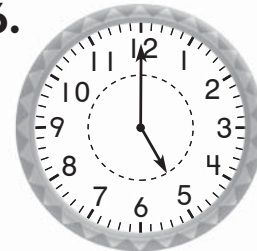
\_\_\_\_\_

5.



\_\_\_\_\_

6.

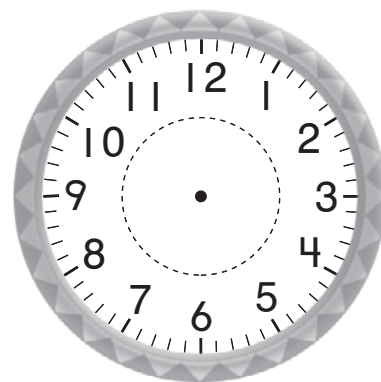


\_\_\_\_\_

**Problem Solving**

Draw and write to show the time.















7. Kirsten needs to leave for her piano lesson at 4. Draw to show where the hands on the clock will be at that time. Write the time.



\_\_\_\_\_

Name \_\_\_\_\_

# Use a Picture Graph

Lassie's Day						
 play						
 eat						
 rest						

Each  stands for 1 hour.

Use the picture graph to answer each question.

1. What did Lassie do most of the day? Circle.



2. How many hours did Lassie  today?

\_\_\_\_\_ hours

3. How many more hours did Lassie spend  than  ?



\_\_\_\_\_ hours

4. How many hours did Lassie  and  ?

\_\_\_\_\_ hours

## Problem Solving



5. Yesterday Lassie spent 2 hours . How many more hours did Lassie spend  today?

\_\_\_\_\_ hours



Name \_\_\_\_\_

## Use a Bar Graph

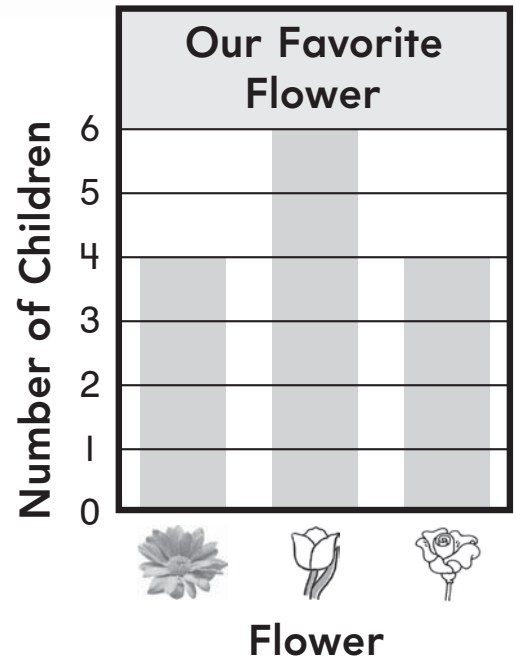
Use the bar graph to answer the questions.

1. How many children like  best?

\_\_\_\_\_ children

2. How many children like  best?

\_\_\_\_\_ children



3. Which flower did most children choose? Circle.





4. Which flowers were chosen an equal number of times? Circle.



### Problem Solving

Use data from the bar graph to help solve.

5. Trish and Jennifer both like  the best. If the girls add this data to the graph, how many children will have chosen  ?

\_\_\_\_\_ children

Name \_\_\_\_\_

**Take a Survey**

1. Take a survey. Ask 10 classmates which fruit is their favorite. Use tally marks to show their answers.

Our Favorite Fruit	
Fruit	Tally
apple	
banana	
orange	

2. Which fruit did the fewest classmates choose? \_\_\_\_\_
3. Which fruit did the most classmates choose? \_\_\_\_\_
4. Did more classmates choose apple or orange? \_\_\_\_\_
5. \_\_\_\_\_ classmates chose a fruit that was not apple.

**Problem Solving**

6. Felix wants to ask 12 friends which pet is their favorite. He makes 1 tally mark for each child's answer. How many more friends does he need to ask?

Our Favorite Pets	
Pet	Tally
dog	
cat	
bird	

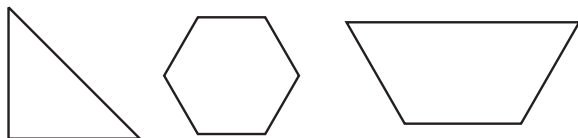
\_\_\_\_\_ more friends

Name \_\_\_\_\_

**Identify Shapes**

Circle to answer the question. Write to name.

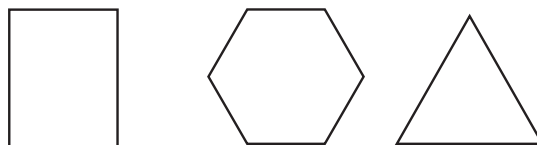
1. Which shape has 4 vertices?



triangle      hexagon      trapezoid

\_\_\_\_\_

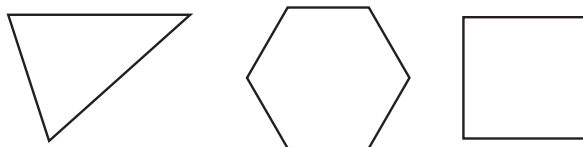
2. Which shape has 4 sides?



rectangle      hexagon      triangle

\_\_\_\_\_

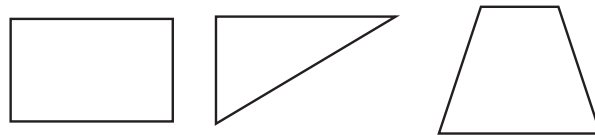
3. Which shape has 6 sides?



triangle      hexagon      square

\_\_\_\_\_

4. Which shape has 3 vertices?



rectangle      triangle      trapezoid

\_\_\_\_\_

**Problem Solving**

5. Mira, Liz, and Devin all draw shapes with 4 vertices. Their shapes look different and have different names. Draw 3 shapes the children might have drawn. Label each shape with its shape name.

\_\_\_\_\_

\_\_\_\_\_

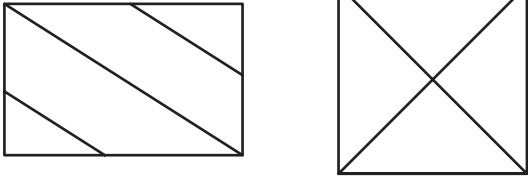
\_\_\_\_\_

Name \_\_\_\_\_

# Equal Shares

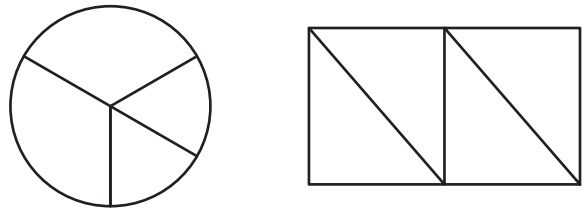
Circle the shape that shows equal shares.  
Write to name the equal shares.

1.



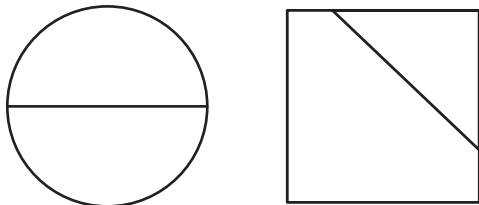
\_\_\_\_\_

2.



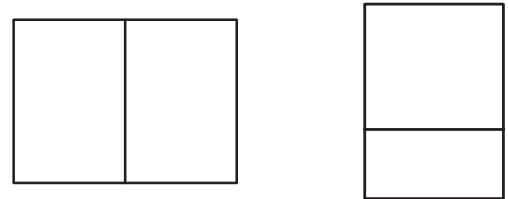
\_\_\_\_\_

3.



\_\_\_\_\_

4.



\_\_\_\_\_

## Problem Solving



5. Gina wants to cut some slices of cheese into 4 equal shares. Draw to show two different ways she can make 4 equal shares.

