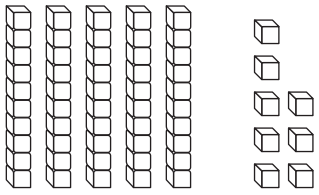
Name _____

Algebra • Ways to Expand Numbers

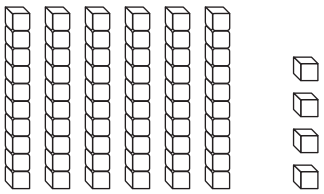
Write how many tens and ones.
Write the number in two different ways.

1. 

5 tens 8 ones

50 + 8

58

2. 

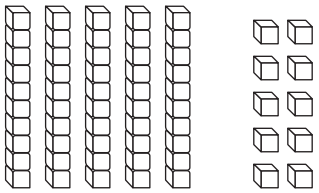
____ tens ____ ones

____ + ____

____

Problem Solving Real World

3. Draw the same number using only tens.
Write how many tens and ones.
Write the number in two different ways.



____ tens ____ ones

____ + ____

____

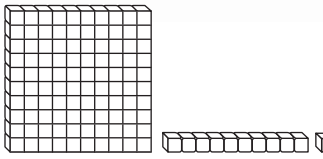
____ tens ____ ones

____ + ____

____

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

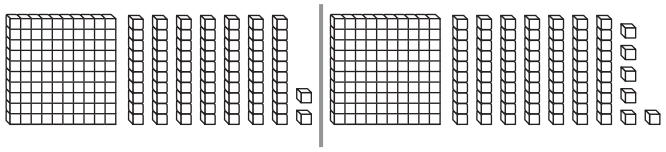
5. I have 0 ones, 5 tens, and 1 hundred. What number am I?

103 105 150

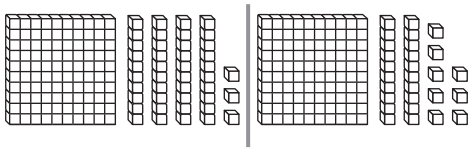
Name _____

Use Place Value to Compare Numbers

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

1. 

172 < 176

2. 

___ ◯ ___

Compare the numbers using >, <, or =.

3. 162 ◯ 162	**4.** 154 ◯ 148	**5.** 195 ◯ 199
6. 133 ◯ 137	**7.** 129 ◯ 126	**8.** 141 ◯ 141
9. 119 ◯ 125	**10.** 173 ◯ 173	**11.** 187 ◯ 192
12. 153 ◯ 153	**13.** 191 ◯ 178	**14.** 144 ◯ 153

Problem Solving Real World

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 Real World

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 Real World

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	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 Real World

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. 1 + 6 + 9 = ____
make a 10
doubles
count on

2. 3 + 5 + 5 = ____
make a 10
doubles
count on

3. 8 + 6 + 2 = ____
make a 10
doubles
count on

4. 3 + 4 + 7 = ____
make a 10
doubles
count on

5. 2 + 7 + 8 = ____
make a 10
doubles
count on

6. 5 + 4 + 5 = ____
make a 10
doubles
count on

7. 7 + 5 + 2 = ____
make a 10
doubles
count on

8. 6 + 3 + 6 = ____
make a 10
doubles
count on

9. 2 + 6 + 7 = ____
make a 10
doubles
count on

Problem Solving Real World

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. 34 + 5	**2.** 44 + 3	**3.** 37 + 1
4. 37 + 1	**5.** 91 + 4	**6.** 84 + 2
7. 45 + 3	**8.** 12 + 7	**9.** 24 + 4
10. 32 + 5	**11.** 71 + 7	**12.** 53 + 2

Problem Solving Real World

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. 31 + 52	**2.** 65 + 34	**3.** 21 + 32
4. 14 + 21	**5.** 72 + 26	**6.** 46 + 31
7. 53 + 12	**8.** 34 + 54	**9.** 27 + 50
10. 84 + 11	**11.** 32 + 53	**12.** 56 + 22

Problem Solving Real World

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	4 + 4 = 8
2.	3	6	____ + ____ + ____ = ____
3.	4	3	____ + ____ + ____ + ____ = ____
4.	5	5	____ + ____ + ____ + ____ + ____ = ____

Problem Solving Real World

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 Real World

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

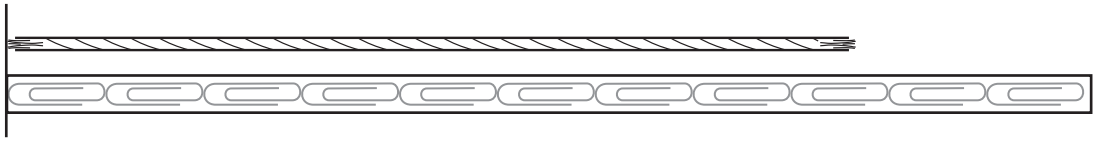
There are ____ books.

Name _____

Use a Non-Standard Ruler

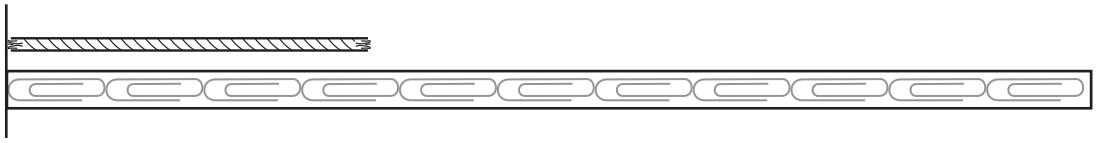
About how long is the string?

1.



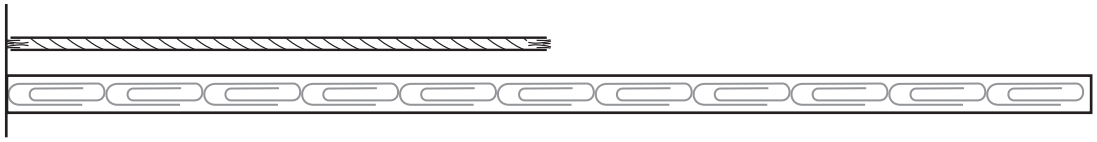
about ____ 

2.



about ____ 

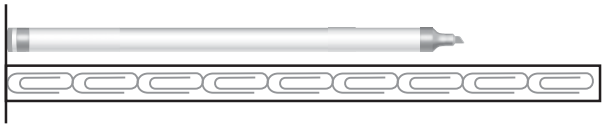
3.



about ____ 

Problem Solving Real World

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



_____

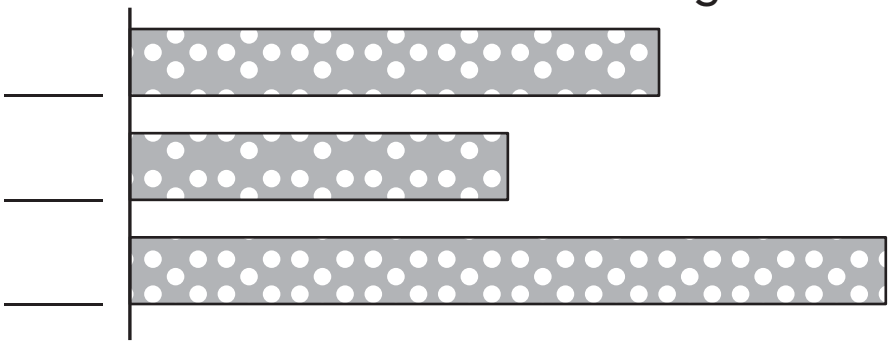
_____

_____

Name _____

Compare Lengths

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

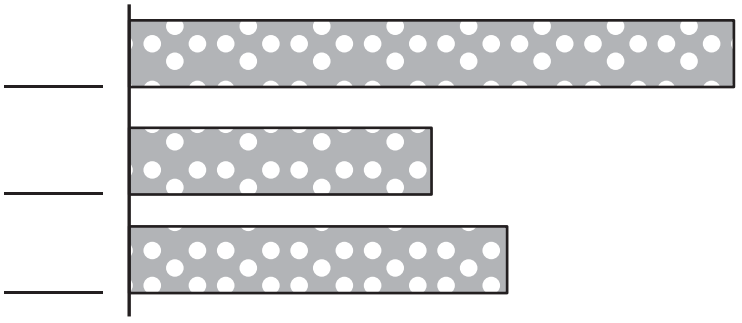


_____ about _____ ▭

_____ about _____ ▭

_____ about _____ ▭

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



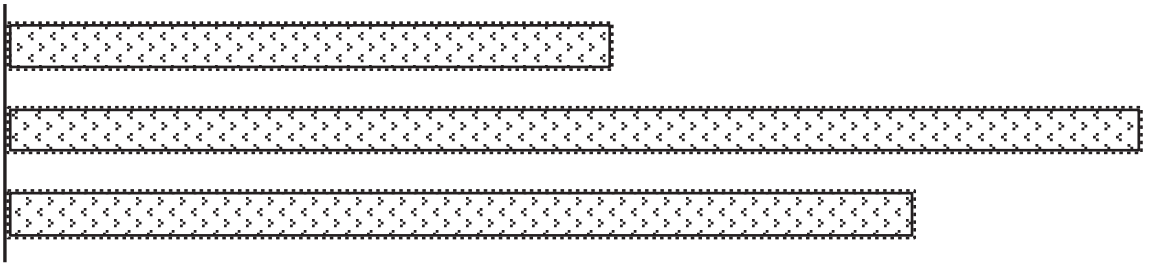
_____ about _____ ▭

_____ about _____ ▭

_____ about _____ ▭

Problem Solving Real World

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



about _____ ▭

Name _____

Time to the Hour and Half Hour

Write the time shown on the clock.

1.

_____

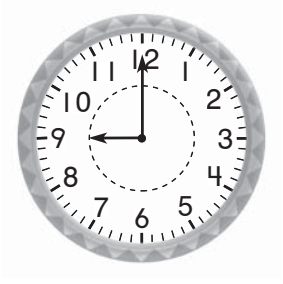
2.

_____

3.

_____

4.

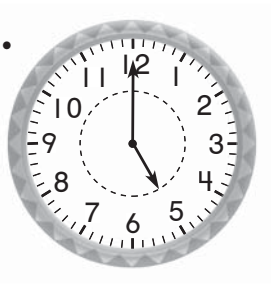


_____

5.

_____

6.

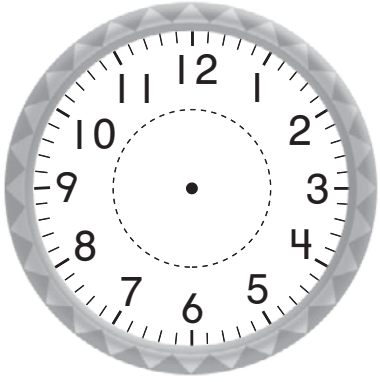


_____

Problem Solving Real World

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 Real World

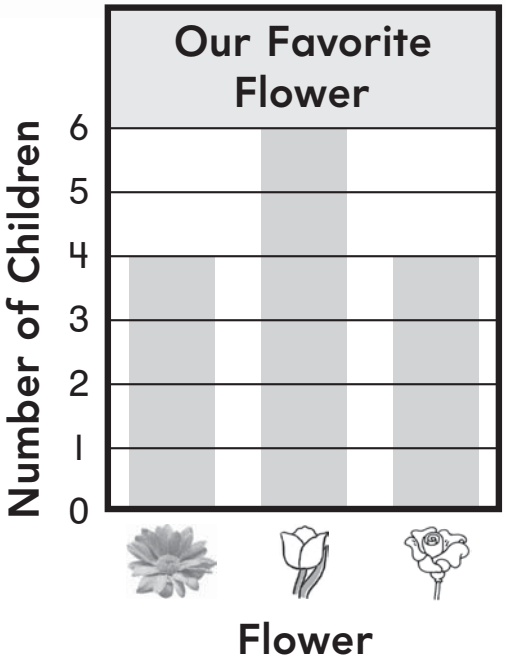
5. Yesterday Lassie spent 2 hours  . How many more hours did Lassie spend  today?

_____ 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 Real World

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  ?

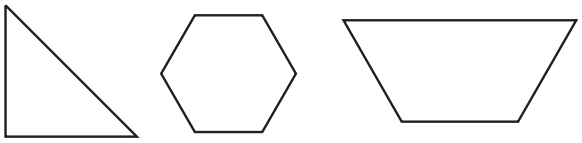
_____ children

Name _____

Identify Shapes

Circle to answer the question. Write to name.

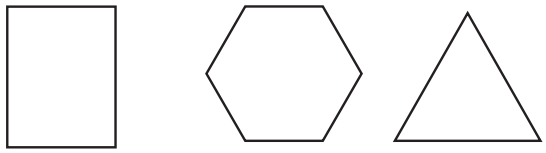
1. Which shape has 4 vertices?



triangle hexagon trapezoid

_____

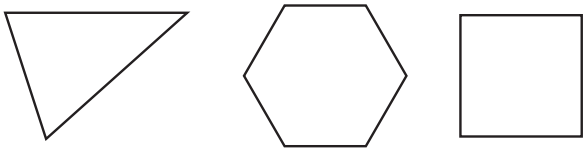
2. Which shape has 4 sides?



rectangle hexagon triangle

_____

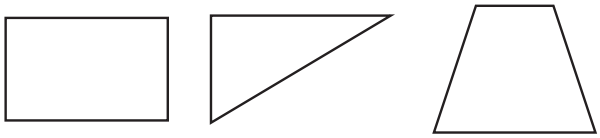
3. Which shape has 6 sides?



triangle hexagon square

_____

4. Which shape has 3 vertices?



rectangle triangle trapezoid

_____

Problem Solving Real World

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.

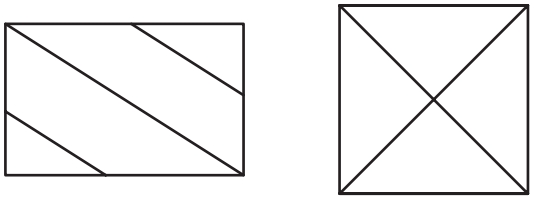
_____ _____ _____

Name _____

Equal Shares

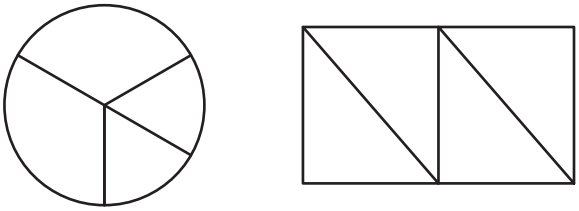
Circle the shape that shows equal shares.
Write to name the equal shares.

1.



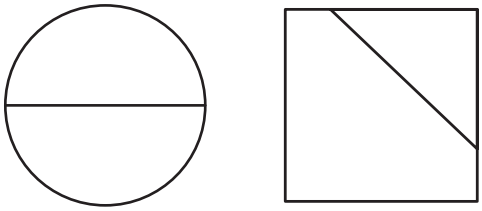
_____

2.



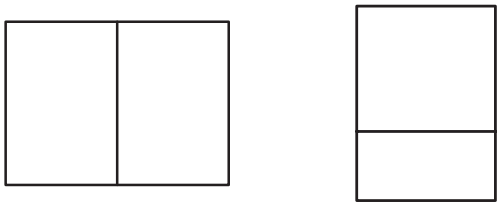
_____

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.