Algebra • Ways to Expand Numbers

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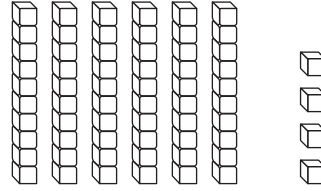Write the number in two different ways.

1.

_5_ tens _8_ ones

_50_ + _8_

_58_

2.

____ tens ____ ones

___ + ___

____

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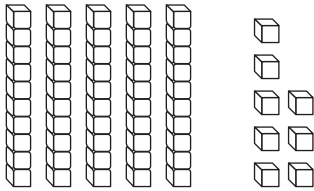
3. Draw the same number using only tens.
Write how many tens and ones.
Write the number in two different ways.

____ tens ____ ones

____ + ____

____

____ tens ____ ones

____ + ____

____
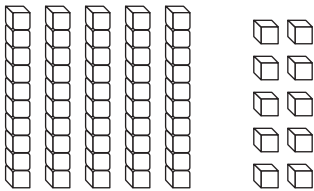
Identify Place Value
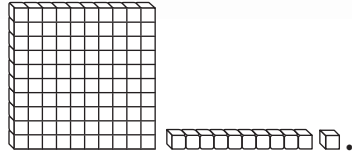
Use your MathBoard and ⬜⬜⬜. Draw to complete the quick picture. Write how many hundreds, tens, and ones.

1.

163

hundreds	tens	ones
1	6	3

2.

128

hundreds	tens	ones

3.

154

hundreds	tens	ones

Problem Solving Real World

Circle your answer.

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

    25   100   125
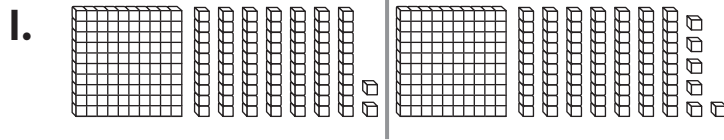
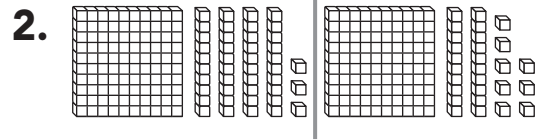**5.** I have 0 ones, 5 tens, and 1 hundred. What number am I?

    103   105   150

Name _____

Use Place Value to Compare Numbers

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

1. [place value blocks]

172 ⟨<⟩ 176

2. [place value blocks]

___ ◯ ___

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.

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

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
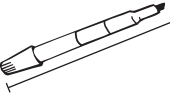
4 groups of 5 books

There are _____ books.

Name _____

Choose a Non-Standard Unit to Measure Length

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

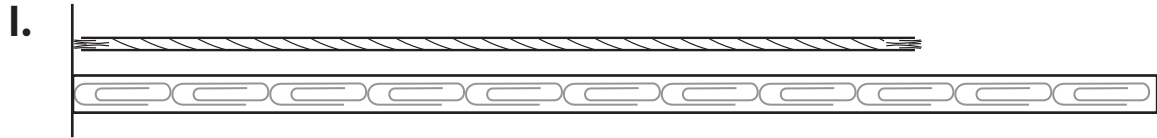| Object	Unit	Measurement
1.		about ____
2.		about ____
3.		about ____
4.		about ____

Problem Solving *Real World*

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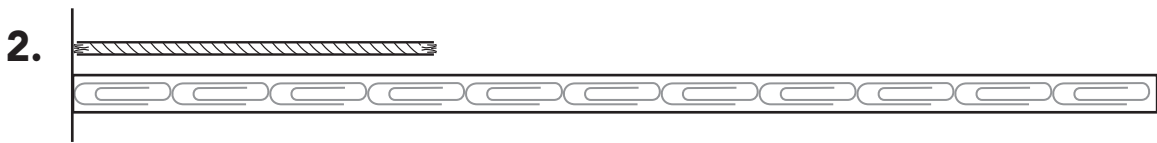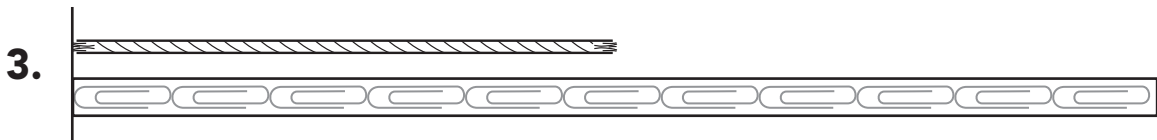Circle the unit that Brandon uses.

Name _____

Use a Non-Standard Ruler

About how long is the string?

1.

about ____ ⬭

2.

about ____ ⬭

3.

about ____ ⬭
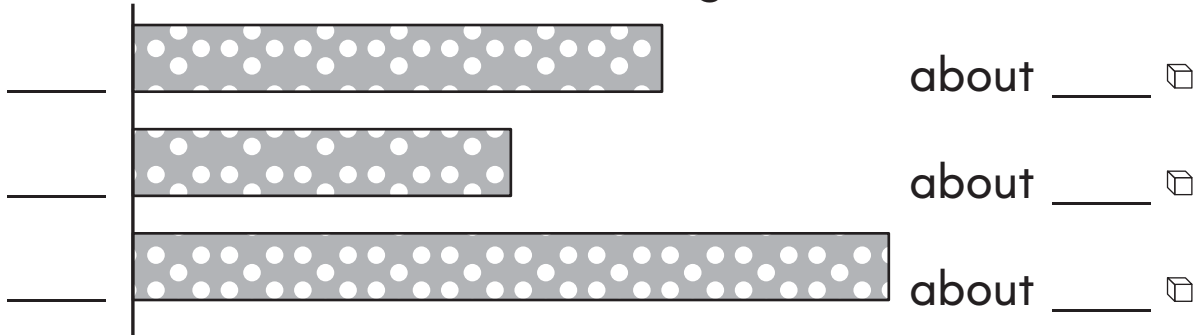
Problem Solving Real World

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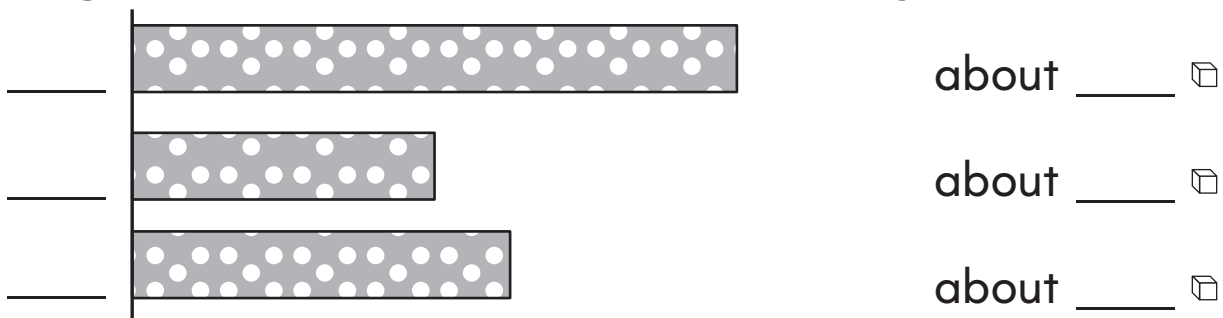He says it is about 7 ⬭ long.
Is he correct? Explain.

_____

_____

_____
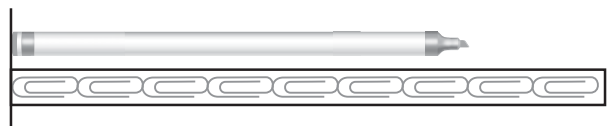
Compare Lengths

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.
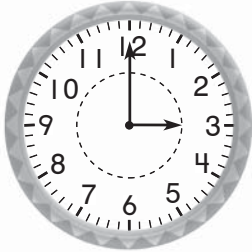
about ____ ⬚
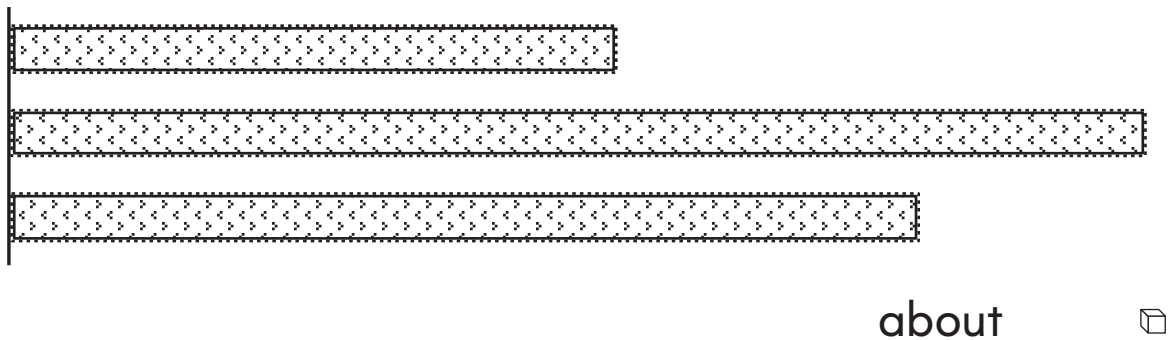
Time to the Hour and Half Hour

Write the time shown on the clock.

1.

_____

2.

_____

3.

_____
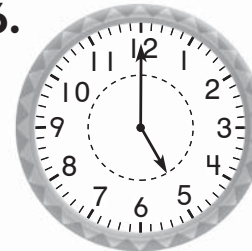
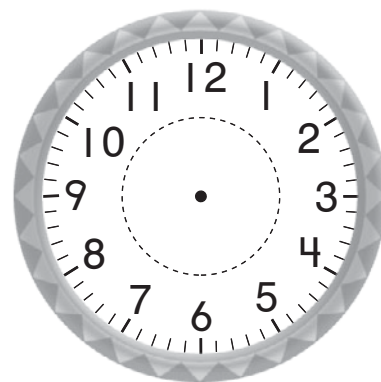**4.**

_____

5.

_____
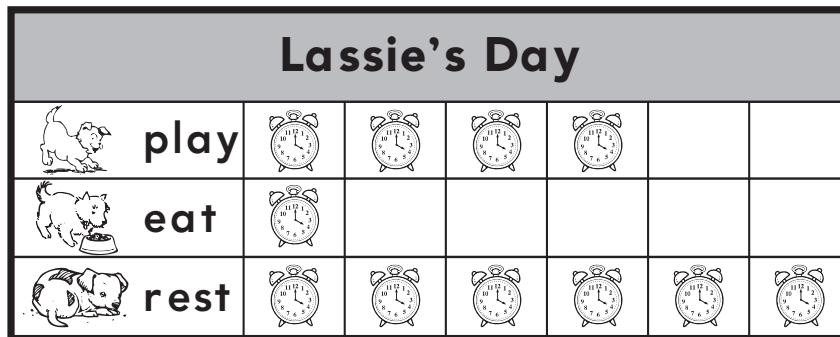
6.

_____

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.

_____

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?
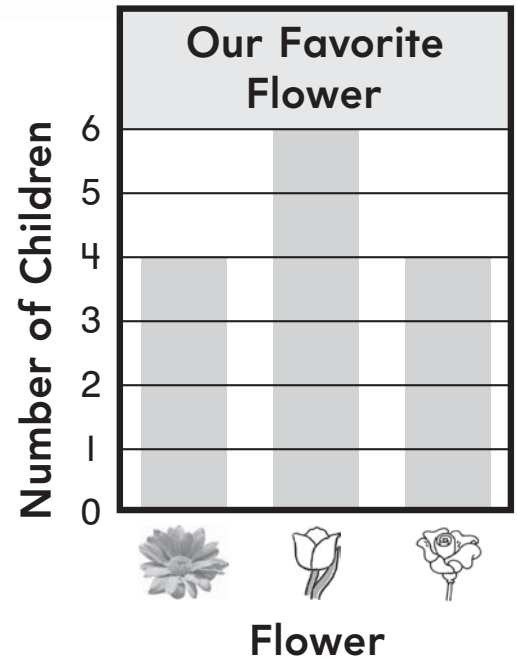
_____ hours

Name _____

Use a Bar Graph

Use the bar graph to answer the questions.

Our Favorite Flower

Number of Children

6
5
4
3
2
1
0

Flower

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

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 (Real World)

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?

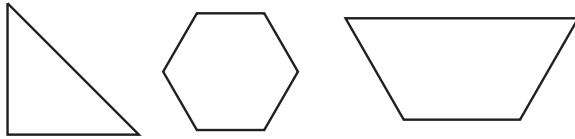| Our Favorite Pets	
Pet	**Tally**
dog	卌
cat	|||
bird		

_____ more friends
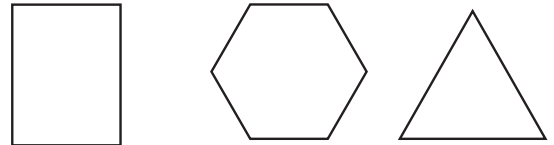
Name _____

Identify Shapes

Circle to answer the question. Write to name.

1. Which shape has 4 vertices?
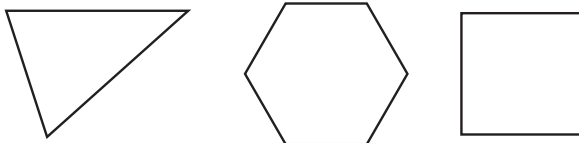
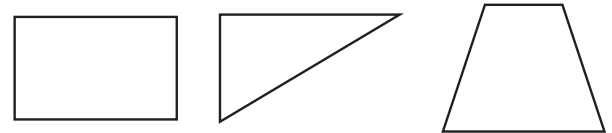triangle   hexagon   trapezoid

_____

2. Which shape has 4 sides?

rectangle   hexagon   triangle

_____

3. Which shape has 6 sides?

triangle   hexagon   square

_____

4. Which shape has 3 vertices?
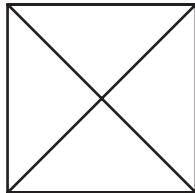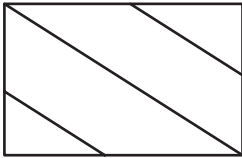
rectangle   triangle   trapezoid

_____

Problem Solving *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.

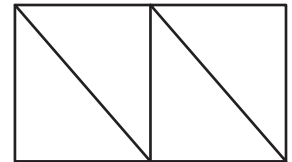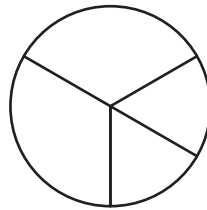_____   _____   _____

Name _____

Equal Shares

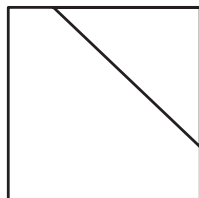Circle the shape that shows equal shares.
Write to name the equal shares.

1.

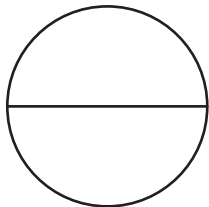_____

2.

_____

3.
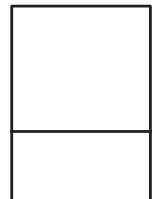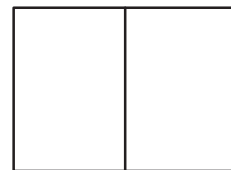
_____

4.

_____

Problem Solving Real World

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.