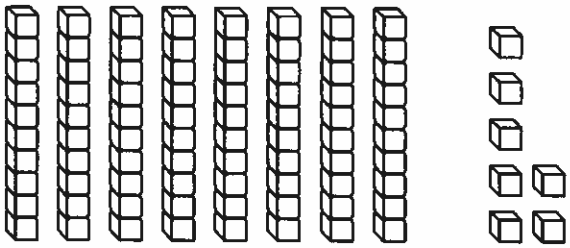
Name _____

Algebra • Ways to Expand Numbers

Essential **How can you write a two-digit number in different ways?**

There are different ways to think about a number.



8 tens 7 ones

80 + 7

87

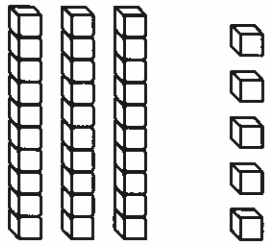
8 tens and 7 ones is the same as 80 plus 7.

Turn and Talk Does the 7 in the number 72 show 7 or 70? Explain.

Check Understanding

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

1

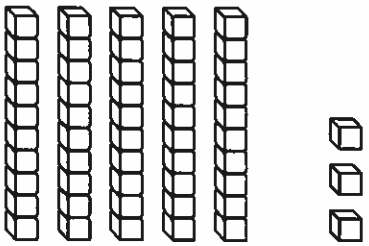


_____ tens _____ ones

_____ + _____

_____

2



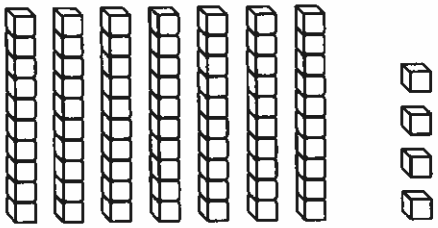
_____ tens _____ ones

_____ + _____

_____

On My Own

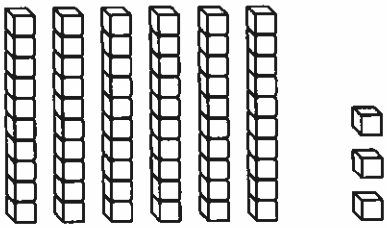
Write how many tens and ones.
Write the number in two different ways.

3 

_____ tens _____ ones

_____ + _____

_____

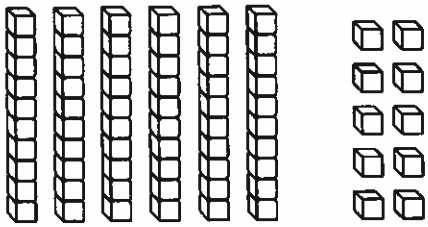
4 

_____ tens _____ ones

_____ + _____

_____

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



_____ tens _____ ones

_____ + _____

_____

_____ tens _____ ones

_____ + _____

_____

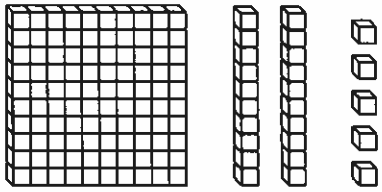
Take Home Activity Write a two-digit number to 99. Ask your child to write how many tens and ones and then write the number a different way.

Name _____

Identify Place Value

Essential (?) **How can you use place value to understand the value of a number?**

The 1 in 125 means 1 hundred.
The **2** in 125 means 2 tens.
The **5** in 125 means 5 ones.



125

Draw ☐ for ▦
Draw | for ▮
Draw ∘ for ▫

hundreds	tens	ones
1	2	5

Check Understanding

Use your MathBoard and ▦ ▮ ▫ to show the number.

Draw to complete the quick picture.
Write how many hundreds, tens, and ones.

1

106

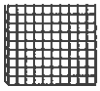
hundreds	tens	ones
____	____	____

THINK
106 has no tens.

Turn and Talk How is the 1 in 187 different from the 1 in 781?

Name _____

On My Own

Use your MathBoard and  .
Draw to complete the quick picture.
Write how many hundreds, tens, and ones.

2 170

hundreds	tens	ones
_____	_____	_____

3 143

hundreds	tens	ones
_____	_____	_____

4 121

hundreds	tens	ones
_____	_____	_____

Circle your answer.

5 I have 1 hundred, 9 tens, and 9 ones. What number am I?

99 100 199

6 I have 3 ones, 0 tens, and 1 hundred. What number am I?

107 170 103

Take Home Activity Write some numbers from 100 to 199. Have your child tell how many hundreds, tens, and ones are in the number.

Name _____

Use Place Value to Compare Numbers

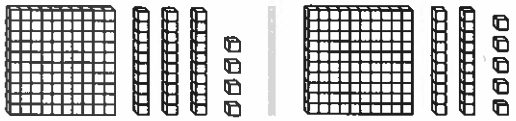
Essential ? How can you use place value to compare two numbers?

Use these symbols to compare numbers.

> is greater than
< is less than
= is equal to

I want to eat the greater number.
45 < 46
45 is less than 46.

Compare 134 and 125.

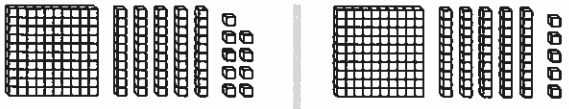


First compare hundreds.
One hundred is equal to one hundred.
100 = 100.
If the hundreds are equal, compare the tens.
30 is greater than 20.
134 > 125

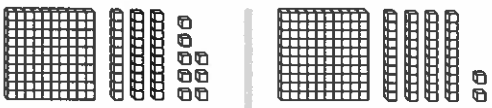
Turn and Talk Compare 173 and 177. Did you have to compare all the digits? Why or why not?

Check Understanding

Write the numbers and compare. Write >, <, or =.

1 

159 > 155

2 

_____ ◯ _____

Compare the numbers using >, <, or =.

3 187 ◯ 168

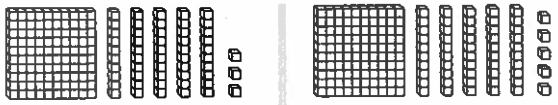
4 165 ◯ 159

5 127 ◯ 141

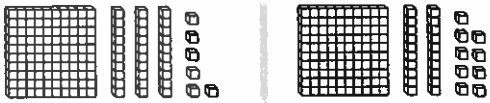
Name _____

On My Own

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

6 

_____ ◯ _____

7 

_____ ◯ _____

Compare the numbers using >, <, or =.

8	143 ◯ 143	9	162 ◯ 157	10	185 ◯ 188
11	124 ◯ 129	12	189 ◯ 195	13	135 ◯ 135
14	173 ◯ 164	15	123 ◯ 117	16	118 ◯ 131
17	155 ◯ 145	18	181 ◯ 181	19	192 ◯ 179
20	122 ◯ 129	21	166 ◯ 177	22	154 ◯ 154

23 Antonio is thinking of a number between 100 and 199. It has 1 hundred, 3 tens, and 6 ones. Kim is thinking of a number between 100 and 199. It has 1 hundred, 6 tens, and 3 ones. Who is thinking of a greater number?

Draw or write to explain.

_____ is thinking of a greater number.

Take Home Activity Choose two numbers between 100 and 199 and have your child explain which number is greater.

Name _____

Algebra • Addition Function Tables

Essential **How can you follow a rule to complete an addition function table?**

The rule is Add 9.
Add 9 to each number.

Add 9	
7	16
8	17
9	18

Check Understanding

Follow a rule to complete the table.

1

Add 3	
7	
8	
9	

2

Add 4	
6	
7	
8	

3

Add 5	
5	
7	
9	

4

Add 8	
5	
7	
9	

5

Add 7	
6	
8	
9	

6

Add 6	
6	
8	
9	

Turn and Talk Look at Exercise 4. How does the rule help you see a pattern?

Name _____

On My Own

Follow a rule to complete the table.

7

Add 7	
7	
8	
9	

8

Add 4	
7	
8	
9	

9

Add 5	
7	
8	
9	

10

Add 8	
4	
6	
8	
9	

11

Add 3	
3	
5	
7	
9	

12

Add 6	
6	
7	
8	
9	

13 Solve. Complete the table.

Tom is 8 years old.
Julie is 7 years old.
Carla is 4 years old.

How old will each child be in 4 years?

Tom	8	
Julie	7	
Carla	4	

Take Home Activity Copy Exercise 12 and change the numbers in the left column to 9, 7, 5, and 3. Have your child complete the table and explain how he or she used a rule to solve the problem.

Name _____

Algebra • Subtraction Function Tables

Essential **How can you follow a rule to complete a subtraction function table?**

The rule is Subtract 7.
Subtract 7 from each number.

Subtract 7	
14	7
15	8
16	9

Check Understanding

Follow a rule to complete the table.

1

Subtract 3	
9	
10	
11	

2

Subtract 4	
6	
8	
10	

3

Subtract 5	
6	
8	
10	

4

Subtract 8	
9	
11	
13	

5

Subtract 7	
12	
13	
14	

6

Subtract 6	
6	
8	
9	

Turn and Talk How can Exercise 2 help you solve Exercise 3?

Name _____

On My Own

Follow a rule to complete the table.

7

Subtract 4	
11	
12	
13	

8

Subtract 6	
7	
8	
9	

9

Subtract 5	
7	
8	
9	

10

Subtract 7	
13	
14	
15	
16	

11

Subtract 8	
12	
14	
16	
17	

12

Subtract 9	
12	
14	
16	
17	

13 Solve. Complete the table.

Jane has 4 cookies.
Lucy has 3 cookies.
Seamus has 2 cookies.

How many cookies will each child have if they each eat 2 cookies?

Jane	4	
Lucy	3	
Seamus	2	

Take Home Activity Copy Exercise 12 and change the numbers in the left column to 10, 11, 12, and 13. Have your child complete the table and explain how he or she used a rule to solve the problem.

Name _____

Algebra • Follow the Rule

Essential **How can you follow a rule to complete an addition or subtraction function table?**

The rule for some tables is to add. For other tables the rule is to subtract.

Add 1	
2	3
4	
6	
8	

Subtract 1	
2	1
4	
6	
8	

Check Understanding

Follow a rule to complete the table.

1

Add 2	
10	
9	
8	
7	

2

Subtract 2	
10	
9	
8	
7	

3

Subtract 1	
3	
4	
7	
9	

Turn and Talk What is the rule for the pattern in Exercise 1?

On My Own

Follow a rule to complete the table.

4

Add 5	
7	
8	
9	
10	

5

Subtract 5	
7	
8	
9	
10	

6

Subtract 1	
8	
9	
11	
13	

7

Subtract 3	
5	
7	
9	
11	

8

Add 4	
6	
7	
8	
9	

9

Add 6	
9	
8	
7	
6	

10 Find the rule. Complete the table.

3	
	8
7	10
	12

Take Home Activity Copy the table for Exercise 9. Change the rule to Subtract 3. Have your child complete the table.

Add 3 Numbers

Essential **How can you choose a strategy to help add 3 numbers?**

When you add 3 numbers, you can add in any order. Using a strategy can help.

Make a 10.

$$\begin{array}{r} 2 \\ 6 \\ +\ 8 \\ \hline 16 \end{array} \quad \begin{array}{r} 10 \\ +\ 6 \\ \hline \end{array}$$

Use doubles.

$$\begin{array}{r} 8 \\ 8 \\ +\ 4 \\ \hline 20 \end{array} \quad \begin{array}{r} 16 \\ +\ 4 \\ \hline \end{array}$$

Use count on.

$$\begin{array}{r} 6 \\ 8 \\ +\ 3 \\ \hline 17 \end{array} \quad \begin{array}{r} 9 \\ +\ 8 \\ \hline \end{array}$$

Check Understanding

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

1
4 make a 10
7 doubles
$+\ 7$ count on

2
9 make a 10
8 doubles
$+\ 1$ count on

3
4 make a 10
6 doubles
$+\ 2$ count on

4
8 make a 10
4 doubles
$+\ 2$ count on

5
6 make a 10
3 doubles
$+\ 6$ count on

6
6 make a 10
7 doubles
$+\ 4$ count on

Turn and Talk Explain why you used the make a 10 strategy to solve Exercise 6.

Name _____

On My Own

Use a strategy to find the sum.
Circle the strategy you choose.

7
5 make a 10
5 doubles
+ 5 count on

8
7 make a 10
3 doubles
+ 5 count on

9
3 make a 10
8 doubles
+ 8 count on

10
4 make a 10
2 doubles
+ 7 count on

11
2 make a 10
9 doubles
+ 2 count on

12
9 make a 10
9 doubles
+ 1 count on

13
9 make a 10
2 doubles
+ 8 count on

14
6 make a 10
3 doubles
+ 7 count on

15
8 make a 10
4 doubles
+ 1 count on

16 Christine has 7 red buttons, 3 blue buttons, and 4 yellow buttons. How many buttons does she have?

_____ buttons

Take Home Activity Ask your child to choose 3 numbers from 1 to 9. Have your child add to find the sum.

Name _____

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

Essential **How can you find the sum of a 1-digit number and a 2-digit number?**

What is 54 + 2?

To find the sum, find how many **tens** and **ones** in all.

5 tens	4 ones	54
+	2 ones	+ 2
5 tens	6 ones	56

Check Understanding

Add. Write the sum.

1 $\begin{array}{r} 72 \\ +\ 3 \\ \hline \end{array}$	2 $\begin{array}{r} 24 \\ +\ 1 \\ \hline \end{array}$	3 $\begin{array}{r} 41 \\ +\ 4 \\ \hline \end{array}$	4 $\begin{array}{r} 56 \\ +\ 2 \\ \hline \end{array}$
5 $\begin{array}{r} 14 \\ +\ 4 \\ \hline \end{array}$	6 $\begin{array}{r} 33 \\ +\ 6 \\ \hline \end{array}$	7 $\begin{array}{r} 61 \\ +\ 8 \\ \hline \end{array}$	8 $\begin{array}{r} 93 \\ +\ 4 \\ \hline \end{array}$
9 $\begin{array}{r} 31 \\ +\ 6 \\ \hline \end{array}$	10 $\begin{array}{r} 11 \\ +\ 7 \\ \hline \end{array}$	11 $\begin{array}{r} 40 \\ +\ 4 \\ \hline \end{array}$	12 $\begin{array}{r} 35 \\ +\ 3 \\ \hline \end{array}$

Turn and Talk How did you find the total number of ones in Exercise 1?

Name _____

On My Own

Add. Write the sum.

13	22 + 7	14	53 + 3	15	46 + 2	16	71 + 8
17	84 + 5	18	93 + 4	19	16 + 3	20	37 + 1
21	62 + 2	22	23 + 5	23	82 + 2	24	44 + 4

25 There are 23 children in the first grade class. Then 3 more children join the class. How many children are there now?

_____ children

Take Home Activity Tell your child you had 12 pennies and then you got 5 more. Have your child add to find how many pennies in all.

Name _____

Add Two-Digit Numbers

Essential **How can you find the sum of two 2-digit numbers?**

What is 23 + 14?

You can find how many **tens** and **ones** in all.

2 tens + 1 ten	3 ones + 4 ones	2 3 + 1 4
3 tens	7 ones	37

Turn and Talk How many tens are in 26 + 11? How do you know?

Check Understanding

Add. Write the sum.

1 82 + 12	2 25 + 43	3 15 + 14	4 71 + 12
5 36 + 21	6 43 + 41	7 57 + 32	8 21 + 12
9 12 + 12	10 41 + 21	11 32 + 41	12 51 + 14

Name _____

On My Own

Add. Write the sum.

13 $\begin{array}{r} 83 \\ +\ 12 \\ \hline \end{array}$	14 $\begin{array}{r} 73 \\ +\ 21 \\ \hline \end{array}$	15 $\begin{array}{r} 16 \\ +\ 51 \\ \hline \end{array}$	16 $\begin{array}{r} 23 \\ +\ 43 \\ \hline \end{array}$
17 $\begin{array}{r} 24 \\ +\ 55 \\ \hline \end{array}$	18 $\begin{array}{r} 67 \\ +\ 21 \\ \hline \end{array}$	19 $\begin{array}{r} 64 \\ +\ 23 \\ \hline \end{array}$	20 $\begin{array}{r} 51 \\ +\ 24 \\ \hline \end{array}$
21 $\begin{array}{r} 26 \\ +\ 32 \\ \hline \end{array}$	22 $\begin{array}{r} 51 \\ +\ 25 \\ \hline \end{array}$	23 $\begin{array}{r} 46 \\ +\ 22 \\ \hline \end{array}$	24 $\begin{array}{r} 34 \\ +\ 45 \\ \hline \end{array}$

25 Emma has 21 hair clips.
Her sister has 11 hair clips.
How many hair clips do
the girls have together?

_____ hair clips

Take Home Activity Tell your child you drove 21 miles and then you drove 16 more. Have your child add to find how many miles in all.

Name _____

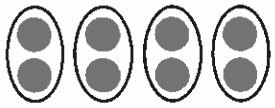
Repeated Addition

Essential **How can you find how many items there are in equal groups without counting one at a time?**

When all groups have the same number, they are equal groups.

Ayita is putting 2 plants on each step up to her porch. She has 4 steps. How many plants does she need?

There are 4 equal groups. There are 2 in each group. Add to find how many in all.



2 + 2 + 2 + 2 = 8

Ayita needs 8 plants.

Check Understanding

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

	Number of Equal Groups	Number in Each Group	How many in all?
1	4	3	___ + ___ + ___ + ___ = ___
2	2	5	___ + ___ = ___
3	3	4	___ + ___ + ___ = ___

Turn and Talk How can you use addition to find 5 groups of 4?

Name _____

On My Own

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

	Number of Equal Groups	Number in Each Group	How many in all?
4	2	3	____ + ____ = ____
5	3	5	____ + ____ + ____ = ____
6	4	4	____ + ____ + ____ + ____ = ____
7	4	5	____ + ____ + ____ + ____ = ____
8	5	7	____ + ____ + ____ + ____ + ____ = ____

Solve.

9 There are 3 flower pots. There are 2 flowers in each flower pot. How many flowers are there?

_____ flowers

10 There are 2 plants. There are 4 leaves on each plant. How many leaves are there?

_____ leaves

Take Home Activity Use dry cereal or pasta to make 3 equal groups of 5. Ask your child to find the total number of items.

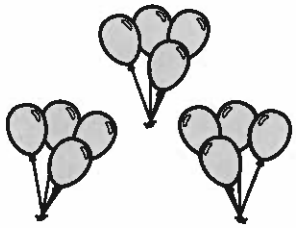
Name _____

Use Repeated Addition to Solve Problems

Essential **How can you use repeated addition to solve problems?**

Dyanna will have 3 friends at her party. She wants to give each friend 4 balloons. How many balloons does Dyanna need?

12 balloons



THINK 4 + 4 + 4 = 12

Check Understanding

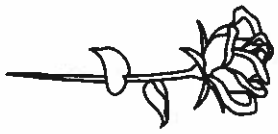
Draw pictures to show the story. Write the addition sentence to solve.

1 Ted plays with 2 friends. He wants to give each friend 5 cards. How many cards does Ted need?

_____ cards

2 Aisha shops with 4 friends. She wants to buy each friend 2 roses. How many roses does Aisha need?

_____ roses



Turn and Talk What pattern can you use to find the answer to Exercise 2?

On My Own

Draw pictures to show the story.
Write the addition sentence to solve.

3 Lea plays with 3 friends. She wants to give each friend 5 ribbons. How many ribbons does Lea need?

_____ ribbons

4 Harry shops with 5 friends. He wants to buy each friend 2 pens. How many pens does Harry need?

_____ pens

5 Cam plays with 4 friends. She wants to give each friend 4 stickers. How many stickers does Cam need?

_____ stickers

Circle the way you can model the problem. Then solve.

6 There are 4 friends. Each friend has 3 apples. How many apples are there?

4 groups of 4 apples
4 groups of 3 apples
3 groups of 4 apples
There are _____ apples.

Take Home Activity Use small items such as cereal pieces to act out each problem. Have your child check the answers on this page.

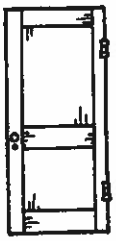
Name _____

Choose a Nonstandard Unit to Measure Length

Essential **How can you decide which nonstandard unit to use to measure the length of an object?**

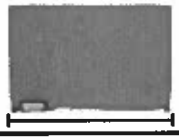
Use  to measure short things.

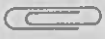
Use  to measure long things.



Check Understanding

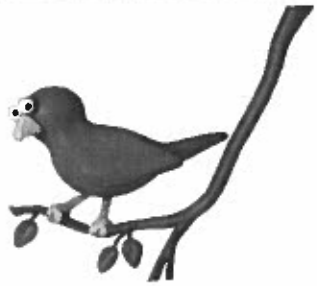
Use real objects. Circle the unit you would use to measure. Then measure.

	Object	Unit	Measurement
1			about _____
2			about _____
3			about _____

Turn and Talk Alex measured a book with  . Then he measured with  . Did he use more or ? Explain.

On My Own

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



	Object	Unit	Measurement
5			about _____
6			about _____
7			about _____
8			about _____

9 Fred uses  to measure the stick.
Sue measures the stick and gets the same measurement.
Circle the unit that Sue uses.

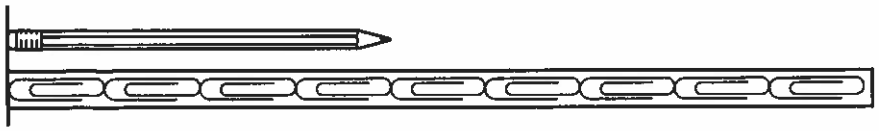
Take Home Activity Have your child measure something around the house by using small objects such as paper clips and then by using larger objects such as pencils. Discuss why the measurements differ.

Name _____

Use a Non-Standard Ruler

Essential **How can you use a non-standard measuring tool to find length?**

About how long is the pencil?



The end of the pencil and the end of the 📎 must line up. Count how many 📎 from one end of the pencil to the other.

about 4 📎

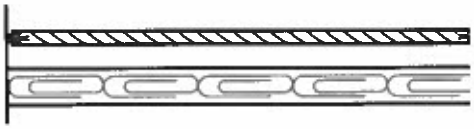
Check Understanding

About how long is the string?

1

about _____ 📎

2



about _____ 📎

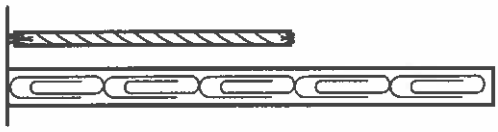
Turn and Talk In Exercise 1, why must the end of the pencil and the end of the 📎 line up?

Name _____

On My Own

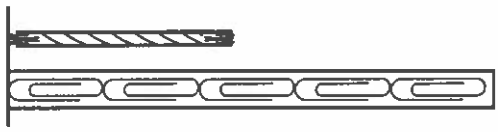
About how long is the string?

3



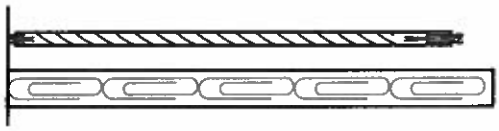
about _____ paper clips

4



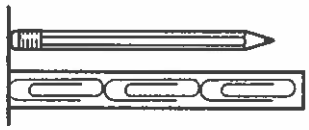
about _____ paper clips

5



about _____ paper clips

6 Wendy measures her pencil.
She says it is about 2 paper clips long.
Is she correct? Explain.



_____

_____

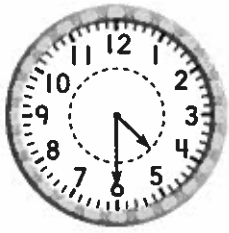
Take Home Activity Have your child use 20 paper clips to measure different small objects in your house. Be sure the paper clips touch end to end.

Time to the Hour and Half Hour

Essential **How do you tell time to the hour and half hour on an analog clock?**

The hour hand and the minute hand show the time. Write the time shown on the clock.

4:00



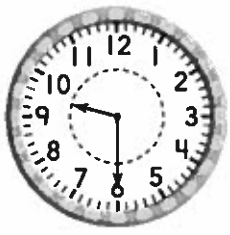
4:30

Turn and Talk Why will the hour hand point halfway between 5 and 6 at half past 5:00?

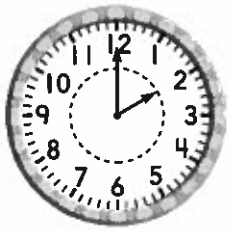
Check Understanding

Read the clock. Write the time.

1



2



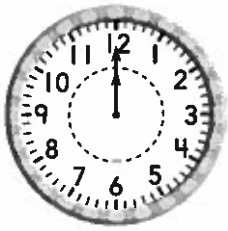
3

On My Own

Read the clock. Write the time.

4 

_____

5 

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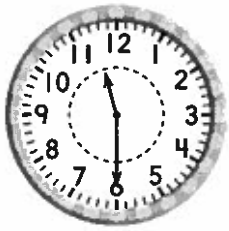
6 

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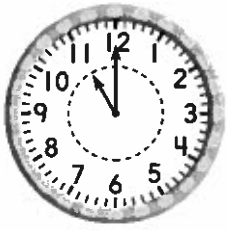
7 

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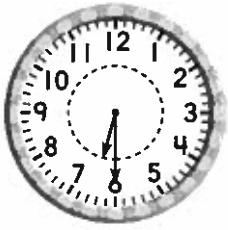
8 

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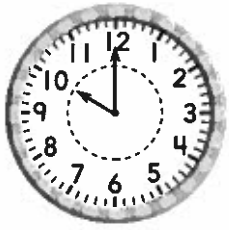
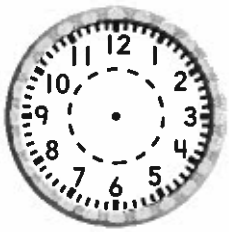
9 

_____

Draw and write to show the time.

10 Liam has soccer practice at half past 10:00.



_____

Take Home Activity Say a time, such as half past 1:00 or 7:00. Ask your child where the clock hands will point at that time.

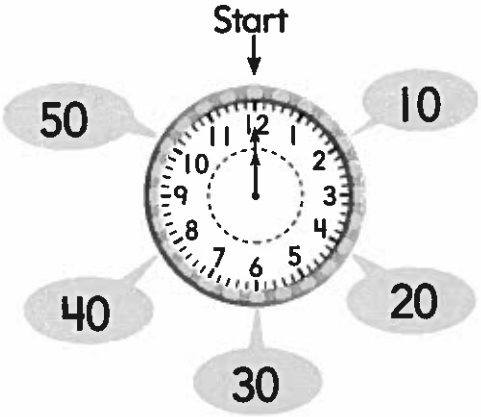
Name _____

Tell Time in Ten Minute Intervals

Essential **How can you use counting by tens to tell time?**

Counting by tens helps you tell time. **10, 20, 30, 40, 50, ...**

Count around the clock every 10 ticks.



12:00

Twenty minutes past 12.

12:20

Turn and Talk Look at the clock on the left. What time would it be if the minute hand moves all around the clock past 60 ticks? Explain.

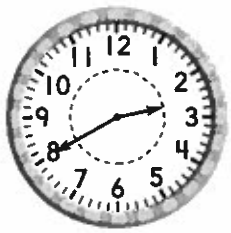
Check Understanding

Read the clock. Write the time.

1

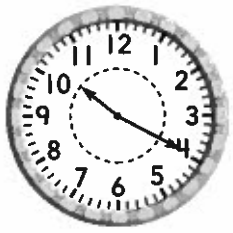
_____

2



_____

3

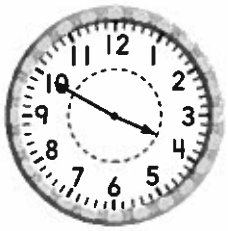


_____

Name _____

On My Own

Read the clock. Write the time.

4 

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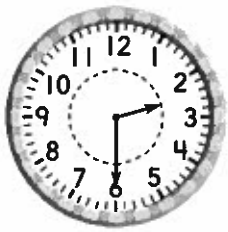
5 

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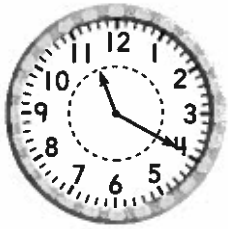
6 

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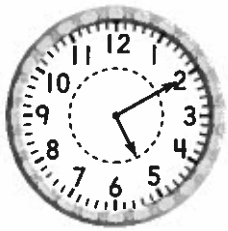
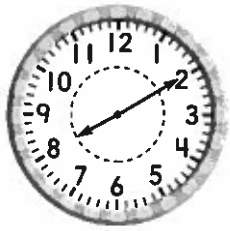
7 

_____

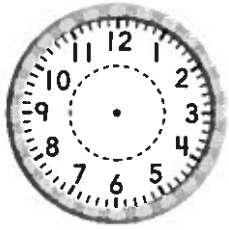
8 

_____

9 

_____

10 Draw the clock hands to show 7:40.



Take Home Activity Say a time 10, 20, 30, 40, or 50 minutes after an hour, such as "eight thirty" or "three ten." Ask where the clock hands will point at that time.

Name _____

Use a Picture Graph

Essential ? **How do you read a picture graph?**

Our Favorite Hot Dog Toppings	
mustard	3
ketchup	5

Each 🧍 stands for 1 child.

3 children chose mustard.

Most children chose ketchup.

2 fewer children chose mustard than ketchup.

Check Understanding

Our Sock Colors	
black	2
white	6
blue	3

Each 🧍 stands for 1 child.

Use the picture graph to answer the questions.

1 How many children are wearing white socks? _____

2 What color of socks are most of the children wearing? _____

3 How many more children wear white socks than black socks? _____

Turn and Talk How did you find the answer to Exercise 3?

On My Own

Our Weather						
rainy	○	○	○	○		
sunny	○	○				
cloudy	○	○	○	○	○	○

Each ○ stands for 1 day.

Use the picture graph to answer each question.

4 How many days in all are shown on the graph?

_____ days

5 What was the weather for most days? Circle.



6 How many fewer days were  than  ?

_____ days

7 How many  and  days were there?

_____ days

8 Today is sunny. Robin puts one more  on the graph. How many  days are there now?

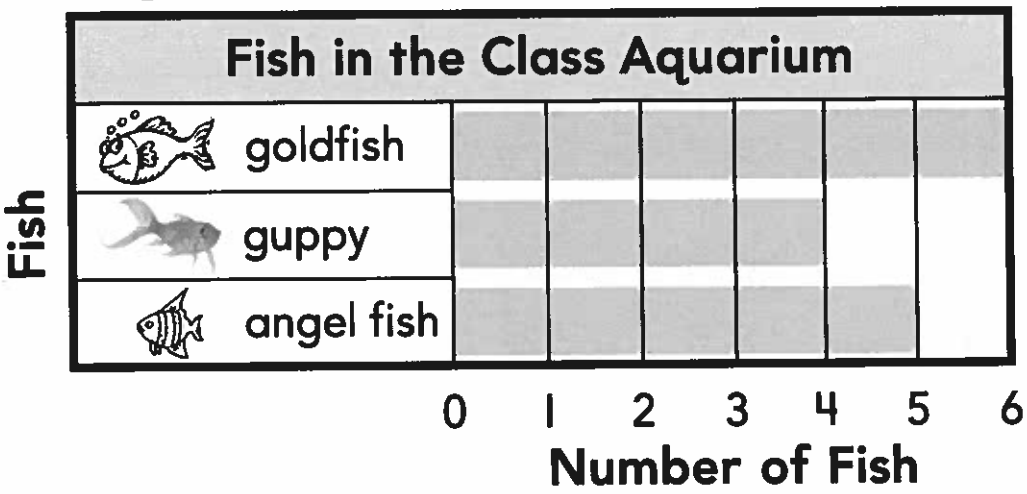
_____ days

Take Home Activity Help your child make a picture graph to show the eye color of 10 friends and family members.

Name _____

Use a Bar Graph

Essential **How do you read a bar graph?**



To find how many, read the number below the end of the bar.

6 fish are .

Check Understanding

Use the bar graph to answer the questions.

1 How many fish are in the aquarium?

_____ fish

2 How many fish in the aquarium are ?

_____ fish

3 How many fewer fish are than ?

_____ fish

4 Are more of the fish or ?

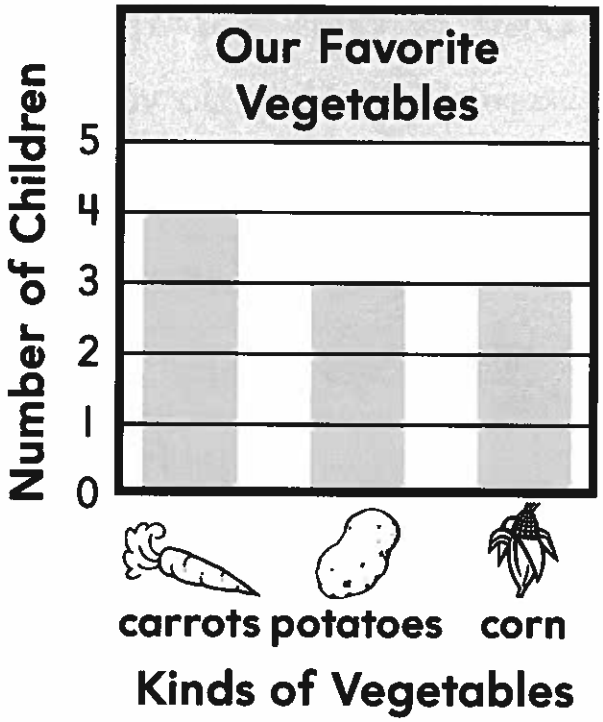
_____

Turn and Talk How did you find the answer for Exercise 1?

Name _____

On My Own

Use the bar graph to answer the questions.



5 How many children chose  ?

_____ children

6 How many children chose  ?

_____ children

7 Which vegetable did most children choose? Circle.

8 Which vegetables were chosen the same number of times? Circle.

Use the bar graph to solve.

9 Brad and Glen both like corn the best. If the boys add this to the graph, how many children will have chosen corn? _____ children

Take Home Activity Ask your child to decide whether they prefer carrots or potatoes. Then have your child color to add their choice to the bar graph on this page.

Name _____

Represent Data

Essential **How can you represent data in categories?**

Jane asked her friends to choose which is their favorite wild animals. The tally chart shows the results.

Remember Each tally mark stands for one friend's choice.

Favorite Wild Animal	
Animal	**Tally**
elephant	𝍸
monkey	III
tiger	II

Check Understanding

1 Ask 10 classmates which wild animal is their favorite. Use tally marks to show their answers.

Our Favorite Wild Animal	
Animal	**Tally**
elephant	
monkey	
tiger	

2 How many children did not choose tiger? _____ children

3 Did more children choose elephant or tiger? _____

4 The most children chose _____ as their favorite

On My Own

5 Ask 10 classmates which color is their favorite. Use tally marks to show their answers.

Our Favorite Color	
Color	Tally
red	
blue	
green	

6 Which color was chosen by the fewest classmates? _____

7 Which color did the most classmates choose? _____

8 Did more classmates choose red or green? _____

9 _____ classmates chose a color that was not red.

10 Did more classmates choose red or green? _____

11 Jeff wants to ask 10 classmates which snack is their favorite. He makes 1 tally mark for each child's answer. How many more classmates does he need to ask?

_____ more classmates

Our Favorite Snack	
Snack	Tally
pretzels	II
monkey	I
tiger	𝍸

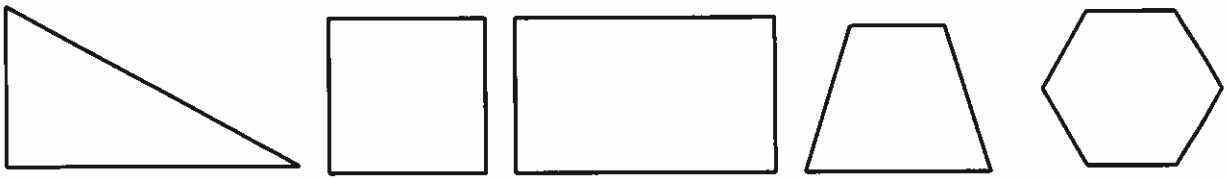
Take Home Activity Have your child ask family members about their favorite sport and make a tally chart to show the results.

Name _____

Identify Shapes

Essential **How can attributes help you identify a shape?**

The number of sides and vertices help you identify a shape.



triangle | square | rectangle | trapezoid | hexagon

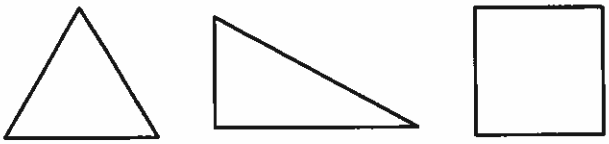
3 sides, 3 vertices | 4 sides, 4 vertices | 6 sides, 6 vertices

Turn and Talk How are a square and a rectangle alike?

Check Understanding

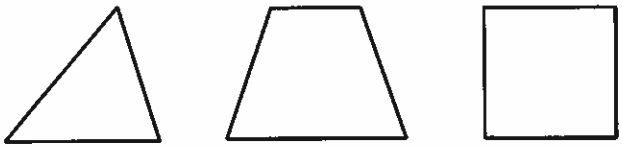
Circle to answer the question. Write to name the shape.

1 Which shape has 4 sides?



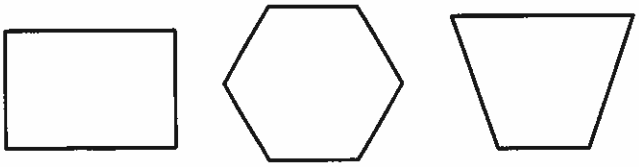
_____

2 Which shape has 3 vertices?



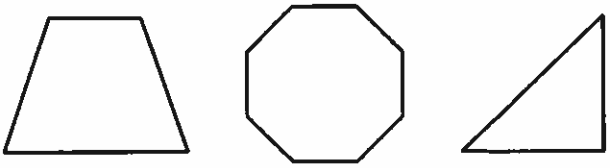
_____

3 Which shape has 6 sides?



_____

4 Which shape has 4 vertices?

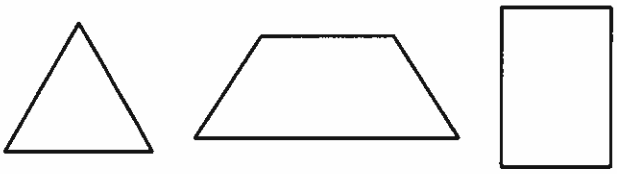


_____

On My Own

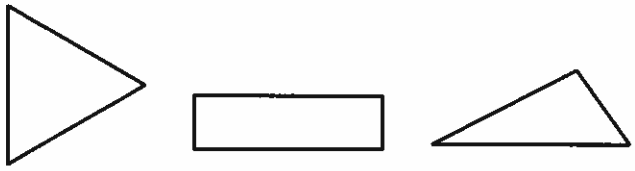
Circle to answer the question. Write to name the shape.

5 Which shape has 3 sides?



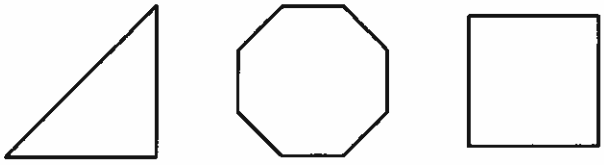
_____

6 Which shape has 4 vertices?



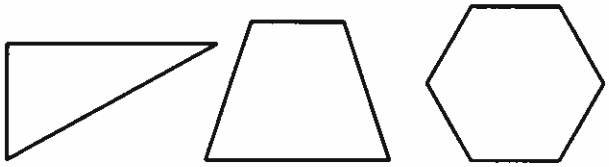
_____

7 Which shape has 4 sides?



_____

8 Which shape has 6 vertices?



_____

9 Jason, Mat, and Carrie each draw a shape with 4 sides. The shapes look different and have different names.

Draw 3 shapes the children might have drawn. Write to name each shape.

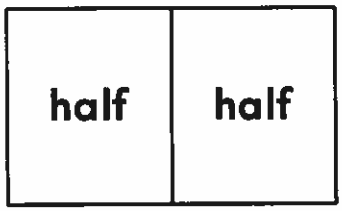
_____ _____ _____

Take Home Activity Have your child look around the house to find something that looks like a rectangle. Then have your child point to the rectangle and count the vertices. Repeat with the sides.

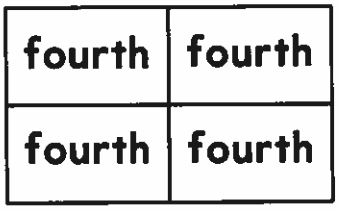
Name _____

Equal Shares

Essential ? How can you name two or four equal shares?



2 equal shares
2 halves

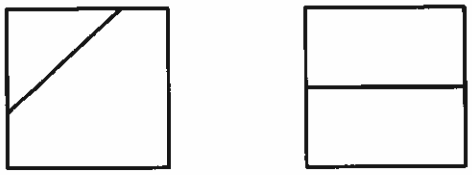


4 equal shares
4 fourths

Check Understanding

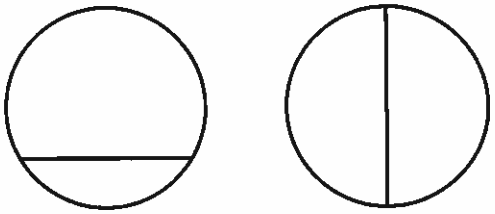
Circle the shape that shows equal shares. Write to name the equal shares.

1



_____

2



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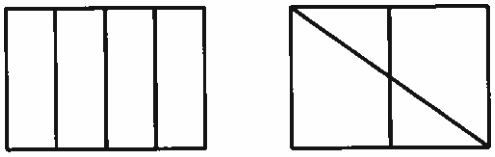
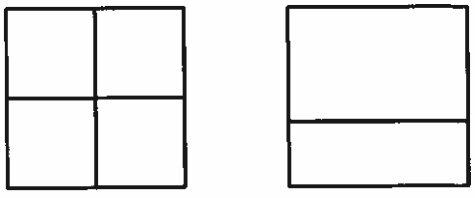
3



_____

4



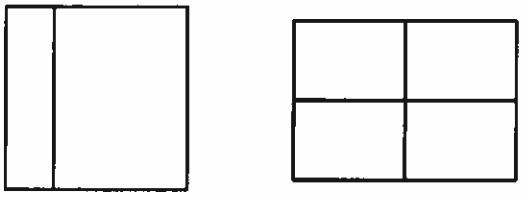
_____

Turn and Talk Are all equal shares the same size and shape? Explain.

On My Own

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

5



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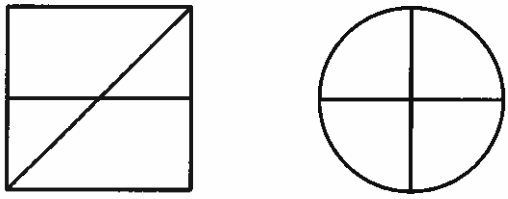
6



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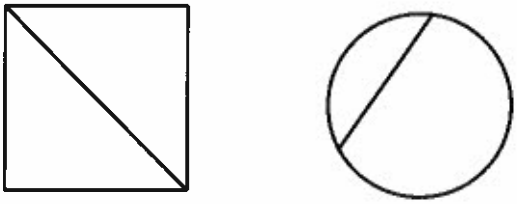
7



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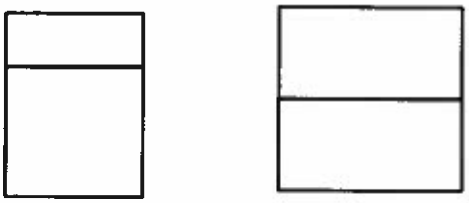
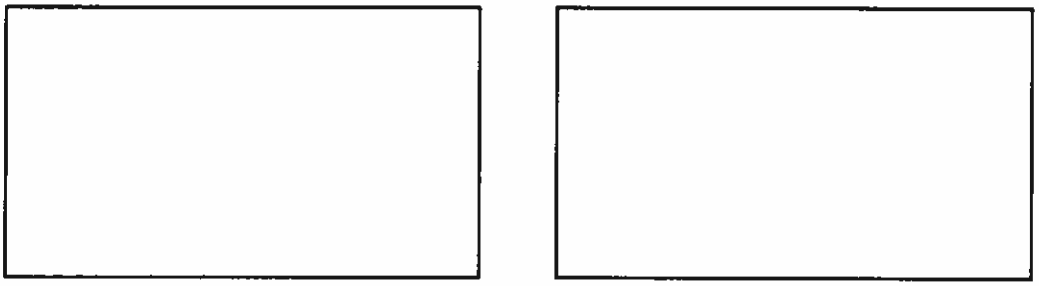
8



_____

9 Riley wants to share his cracker with a friend.
Draw to show two different ways Riley can cut the cracker into equal shares.



Take Home Activity Ask your child to help you cut a piece of toast into fourths.