

1A

# MY MATH PATH

SAMPLE  
CHAPTER  
INSIDE



1A

# MY MATH PATH

## Student Book

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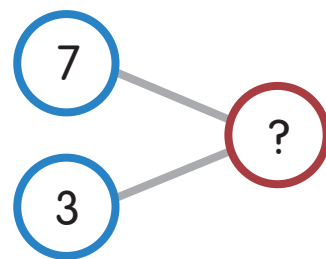
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## 1 Making Number Bonds

33

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**Math Journal**

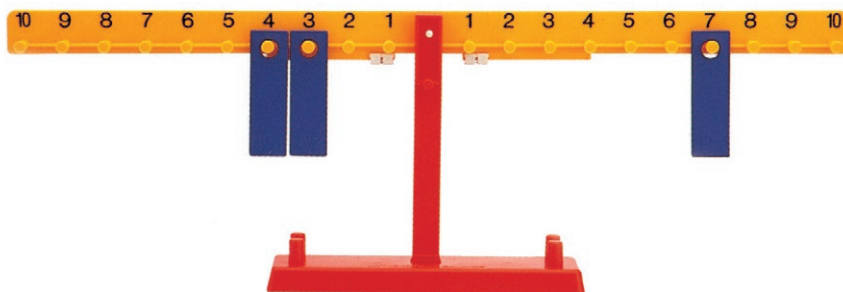
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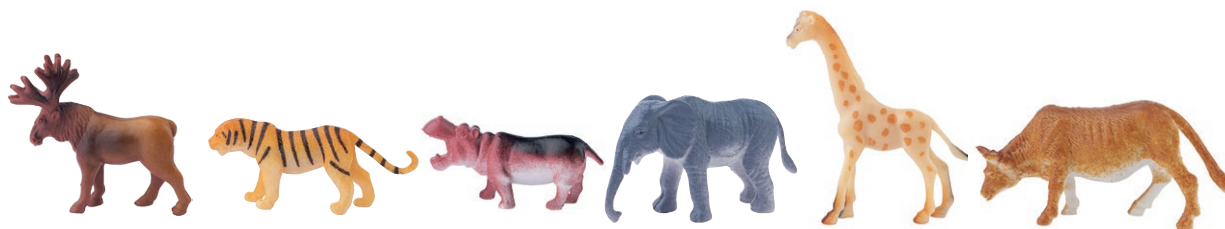
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# Numbers to 10

One, two, three, four,  
Hear the mighty ocean roar!  
Five, six, seven, eight,  
Time to play, so don't be late!  
What's next? Nine and ten.  
Let's start all over again!



**Lesson 1** Counting to 10

**Lesson 2** Comparing Numbers

**Lesson 3** Counting On and Back

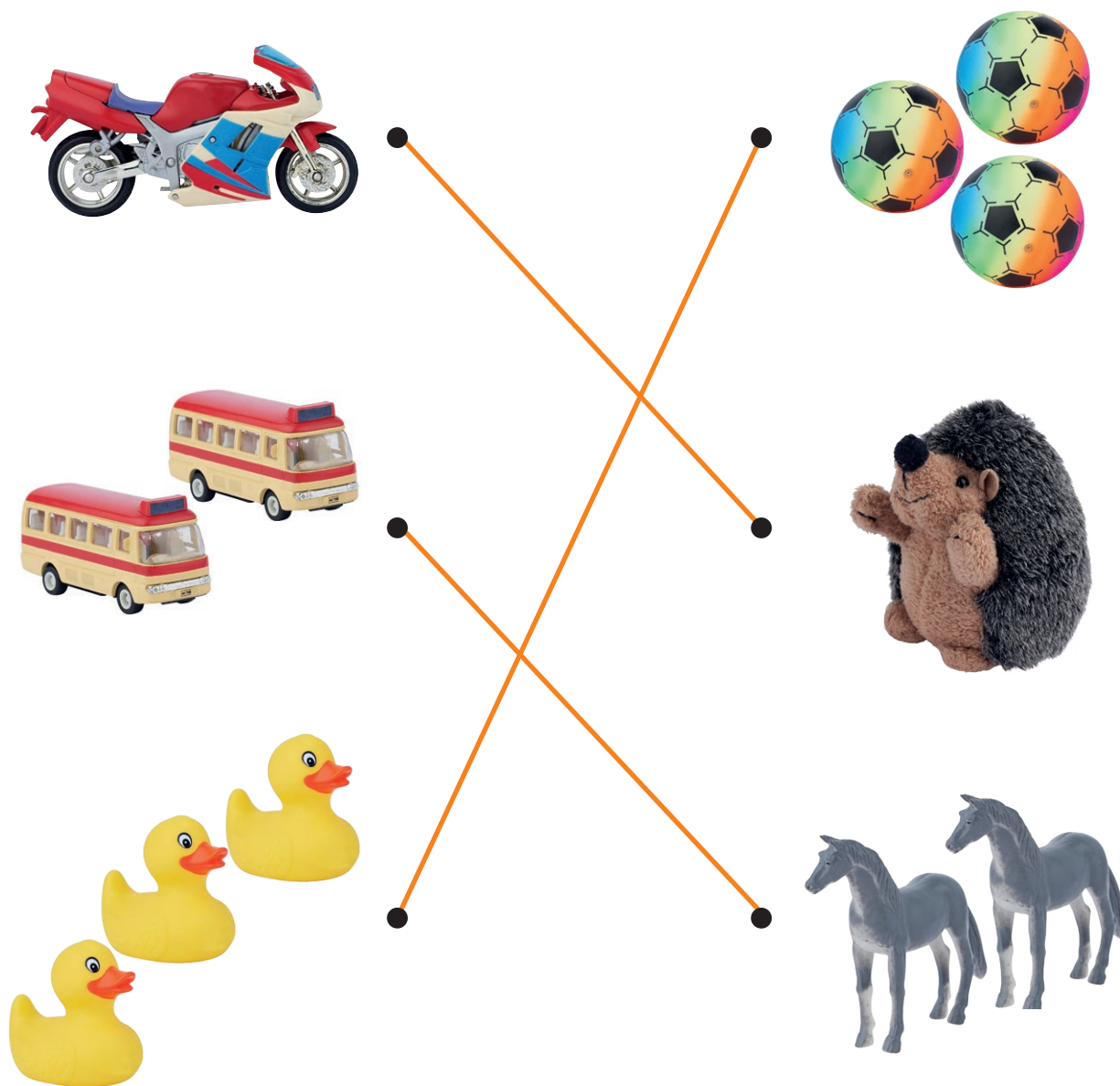


Numbers tell how many. Counting is used to find out and compare how many.

# Recall Prior Knowledge

## Counting

The toys are matched to show the same number.



## Quick Check

Match the  to the  to show the same number.





# Counting to 10

## Goals

- Count from 0 to 10 objects.
- Read and write 0 to 10 in numbers and words.


## Vocabulary

zero one two  
three four five  
six seven eight  
nine ten

## LEARN Point with your finger and count.




0  
zero






1  
one







2  
two



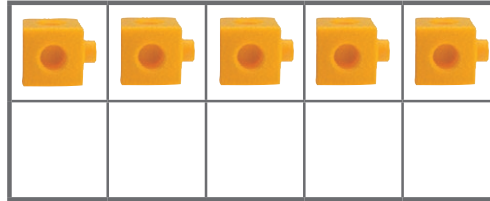
3  
three



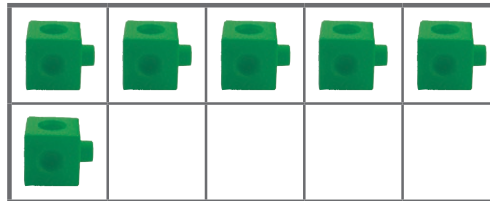
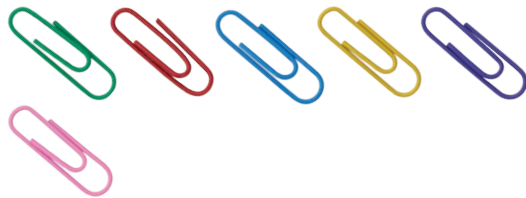
				

4  
four

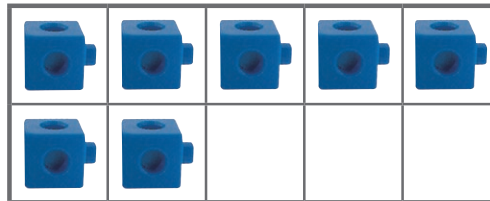
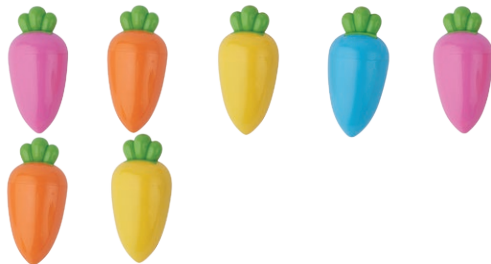




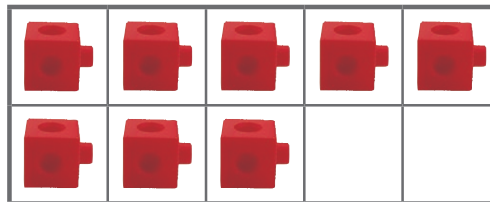
**5**  
**five**



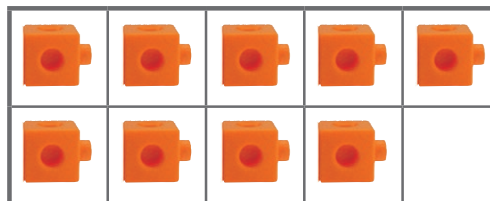
**6**  
**six**



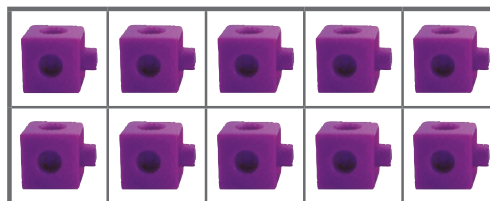
**7**  
**seven**



**8**  
**eight**



**9**  
**nine**



**10**  
**ten**






# Hands-On Activity


Use .

Place a  on each picture of a .








Then count.


1










2



3



Now put the correct number of  on a 



.

4    8 

5    10 

## Guided Learning

Count.

Write in numbers and in words.

Example



2

two

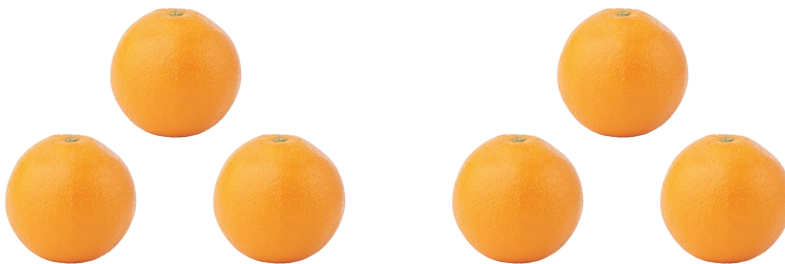
1



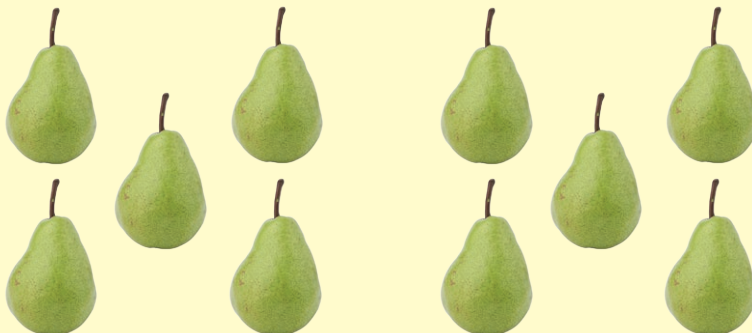
2



3

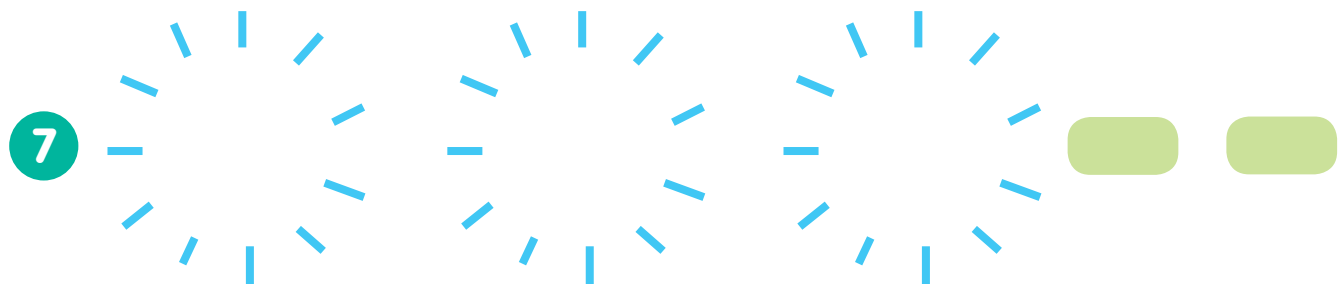
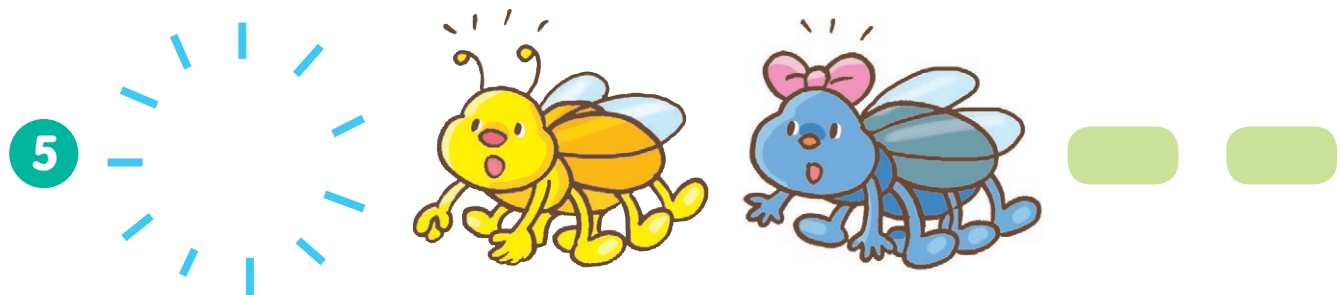


4



Point to the bugs and count.  
Write in numbers and in words.

Example



How many are there?  
Count. Write in numbers and in words.

8



# Let's Explore

Work in groups of 3 or 4.

STEP

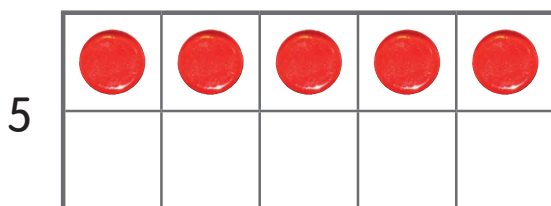
1 Pick a number from 2 to 10.

STEP

2 Use  to show your number in a 


.

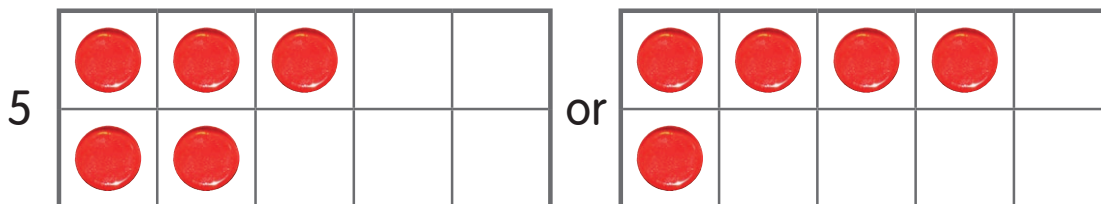
**Example**



STEP

3 Then try other ways to show this number.

**Example**



STEP

4 Carry out <sup>STEP</sup>1, <sup>STEP</sup>2, and <sup>STEP</sup>3 again.

Use a different number.



# Land on 10!

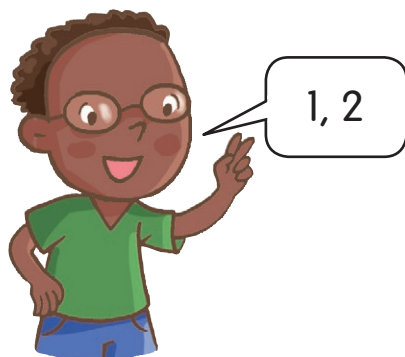
## Game

Players: 3

**How to play:** Use only 1, 2, or 3 fingers to count.

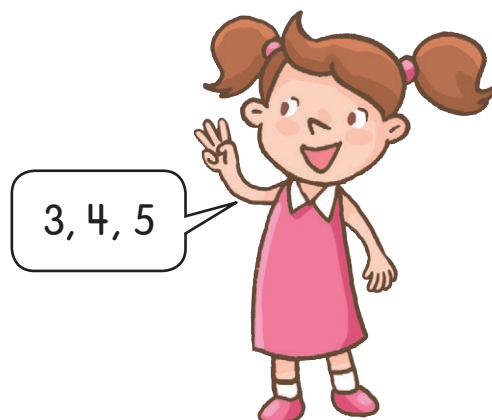
STEP

**1** Player 1 starts counting from 1.



STEP

**2** Player 2 counts on.



STEP

**3** Player 3 counts on.



End

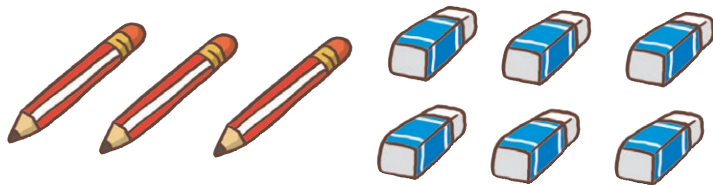
The player who lands on 10 wins!



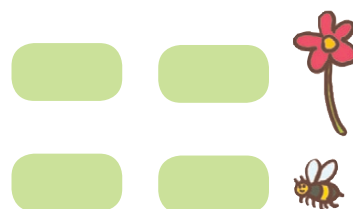
# Let's Practise

What is the number? Count.  
Write in numbers and in words.

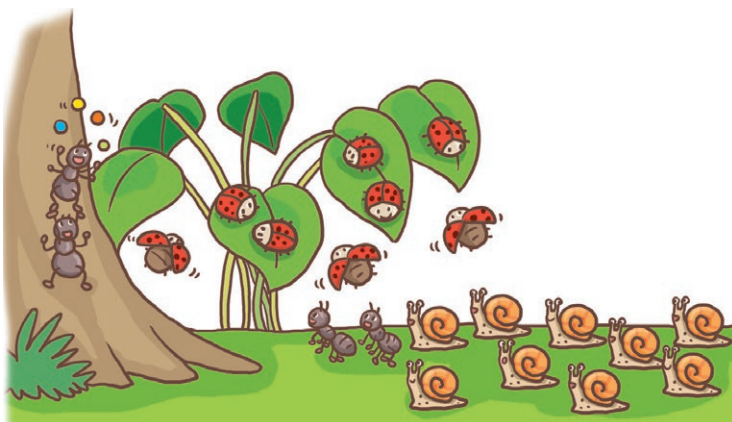
1



2



3





# Comparing Numbers

## Goals

- Compare the number of objects in 2 sets of objects by using one-to-one correspondence.
- Identify the set that has more, fewer, or the same number of objects.
- Identify the number that is greater than or less than another number.

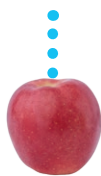
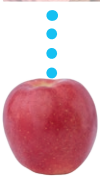
## Vocabulary

same  
more  
fewer  
greater than  
less than

## LEARN Match and compare.



There are 4 children.



There are 4 apples.

The number of children and the number of apples are the **same**.



There are 4 children.



There are 3 apples.

There are **more** children than apples.

There are **fewer** apples than children.

# Hands-On Activity

Use a copy of these socks and shoes.



**STEP 1** Cut the  and  out.

**STEP 2** Use 2 

--	--	--	--	--	--	--	--	--	--

.

Paste all the  in one 



--	--	--	--	--	--	--	--	--	--

.

Paste all the  in the other 

--	--	--	--	--	--	--	--	--	--

.

**STEP 3** Match and compare the number of  and .  
Write **more** or **fewer**.

There are 

--	--	--

 than .

There are 

--	--	--

 than .

**STEP 4** Carry out **STEP 1**, **STEP 2**, and **STEP 3** again.

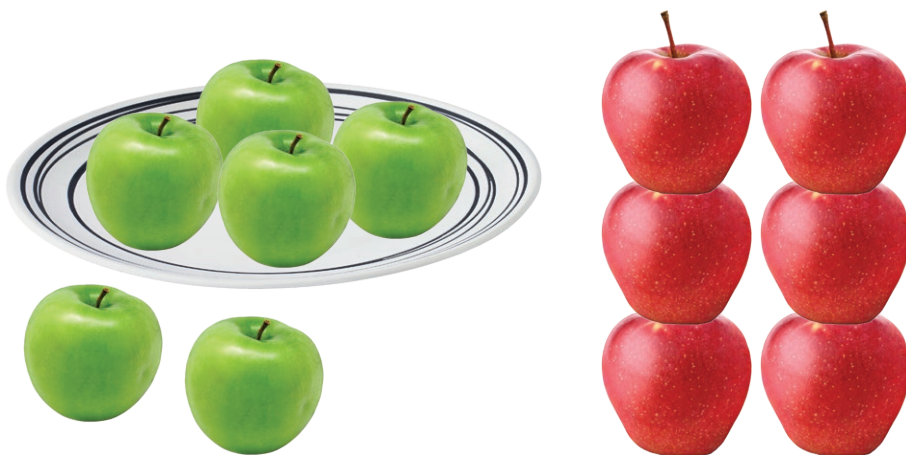
Use a different number of  and .

## Guided Learning

Match and compare.

Write **more**, **fewer**, or **the same as**.


1



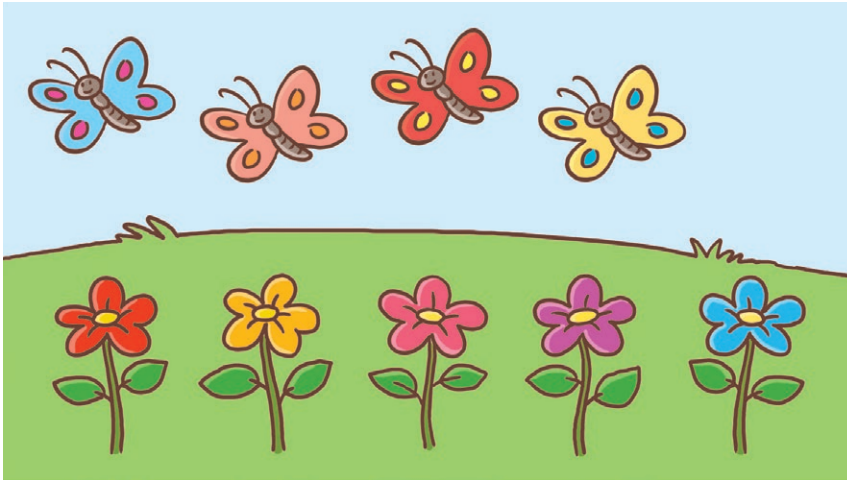
How many red apples are there?

How many green apples are there?



The number of  is  the number of .

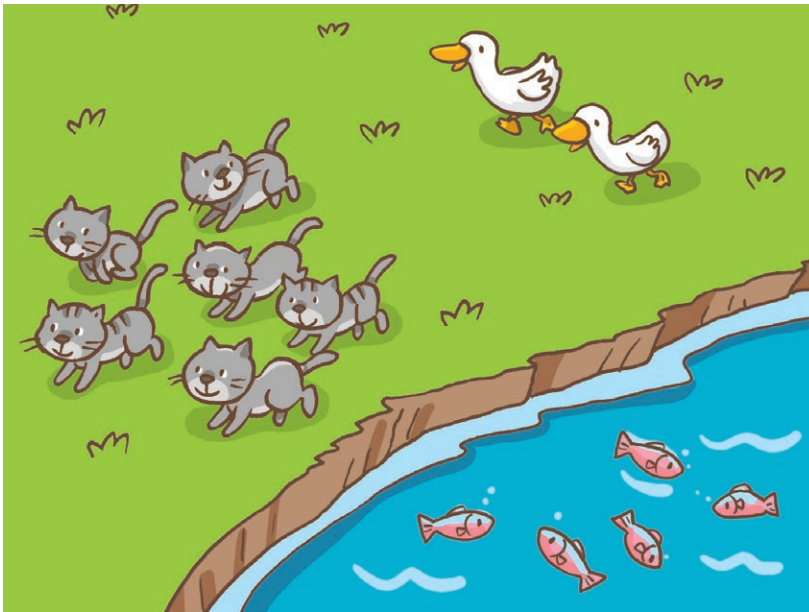
2



There are   than .

There are   than .

3



There are   than .

There are   than .





Is there 1 fish  
for each cat?



# Hands-On Activity

This is a number train. 

Use  to make number trains.

- 1 Make a number train with more than 3 .  
How many  are in your train?
- 2 Make a number train with fewer than 3 .  
How many  are in your train?

**LEARN** Use  to count and compare.

 . . . 5      5 is **greater than** 3.

 . . . 3      3 is **less than** 5.

## Guided Learning

What are the missing numbers?

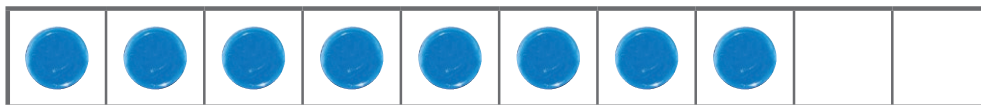
4  . . .

 . . .

is greater than .

is less than .

5



is greater than .

is less than .

## Hands-On Activity

Use  to make number trains.  
Then answer each question.

1 Make a number train using 4 .

2 Make a number train using 9 .

3 Compare 4 and 9.

Which number is greater?

Which number is less?

Answer each question.  
Use number trains to help you.

4 Which number is greater, 7 or 4 ?

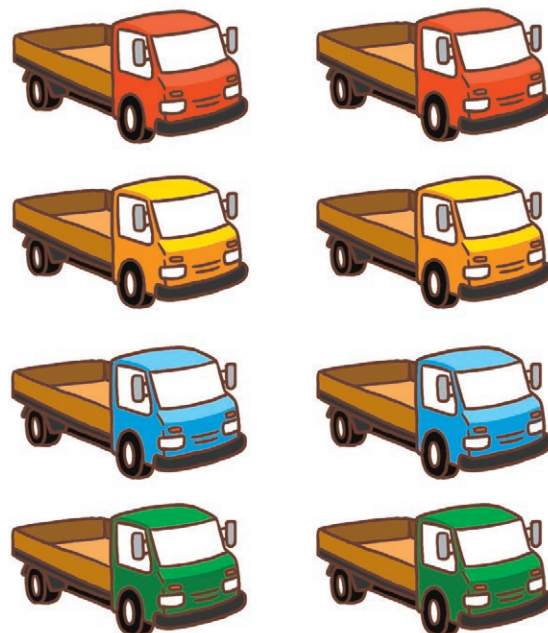
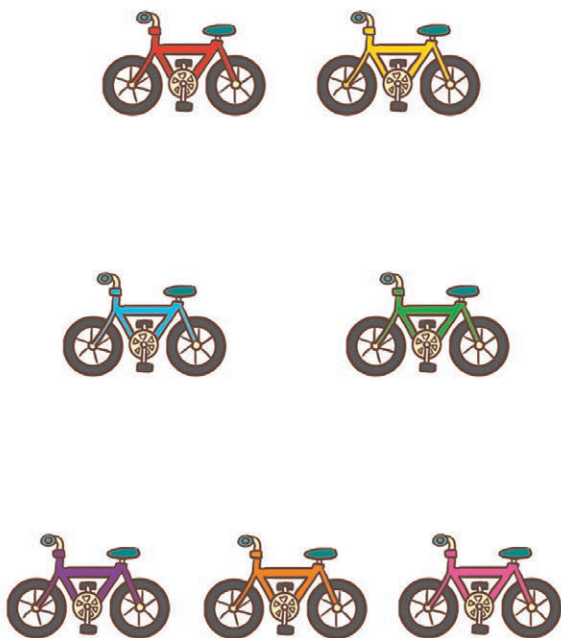
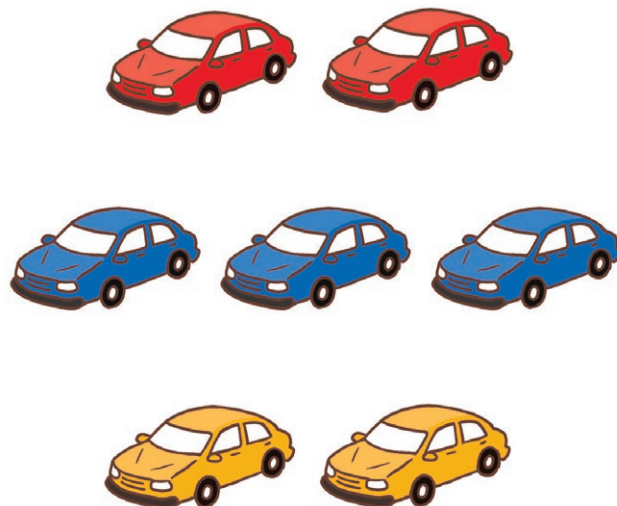
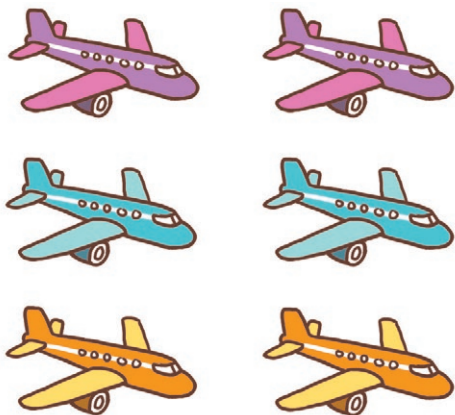
5 Which number is less, 6 or 9 ?



# Let's Practise

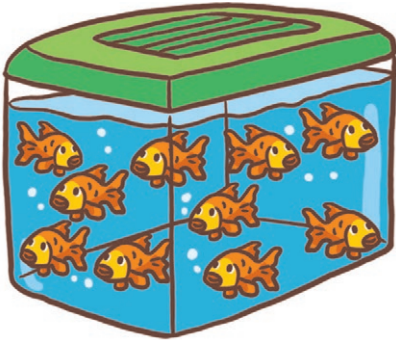
**Solve. Use number trains to help you.**

- 1** Point to the 2 sets that show the same number.

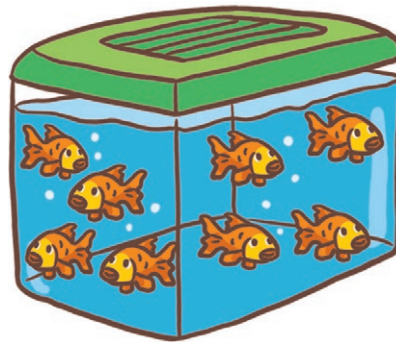


2

Which tank has more fish, A or B?



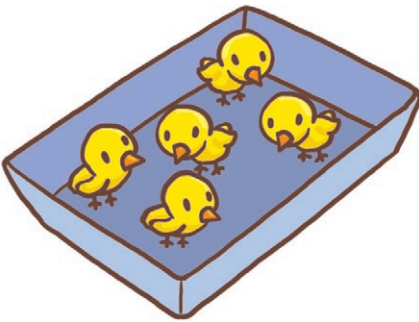
A



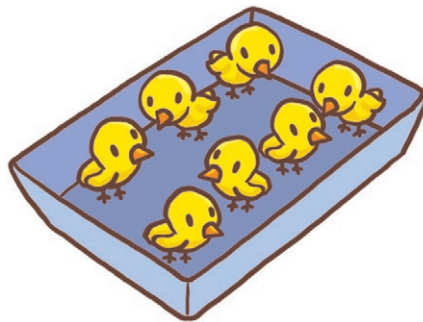
B

3

Which box has fewer chicks, A or B?



A



B

Which number is greater?

4

2

or

4

5

7

or

3

Which number is less?

6

9

or

8

7

5

or

6



# Counting On and Back

## Goals

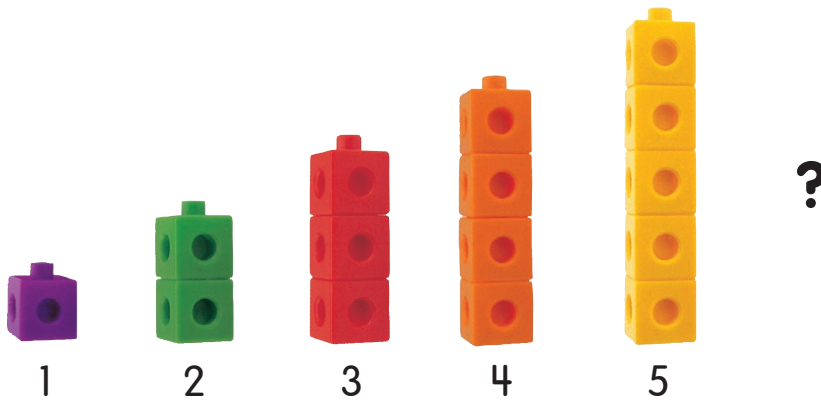
- Count on and count back.
- Relate numbers to 5 and 10.

## Vocabulary

more than   less than

## LEARN Use number towers to count on.

Dylan makes the number towers below using .



How many  come next?

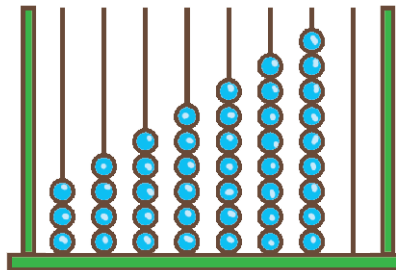
1, 2, 3, 4, 5, **6**

6  come next.

## Guided Learning

### Solve.

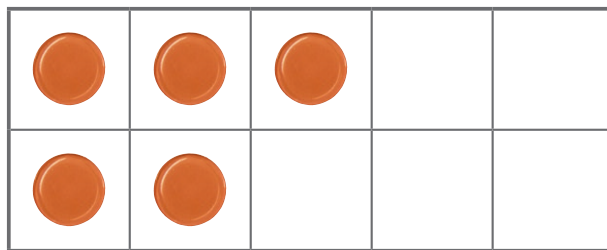
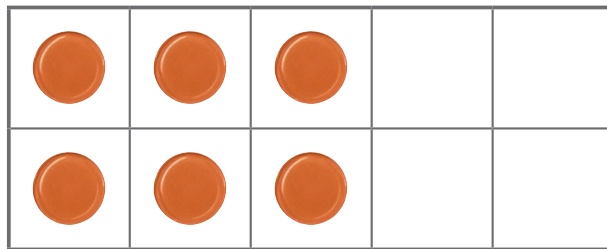
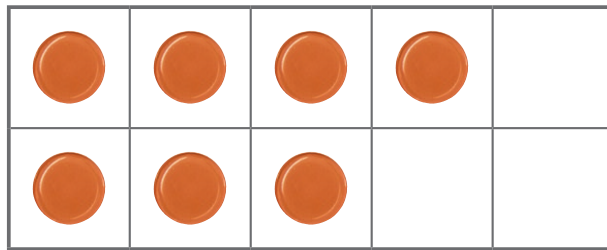
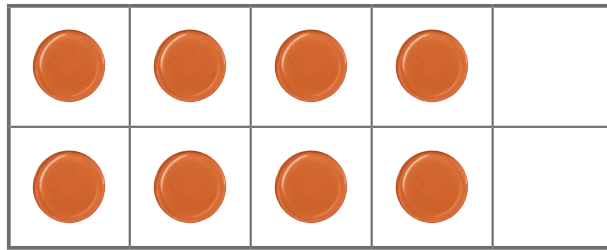
- 1 Megan counts on using beads.



How many beads come next? 

2 John counts back using a 


 and .



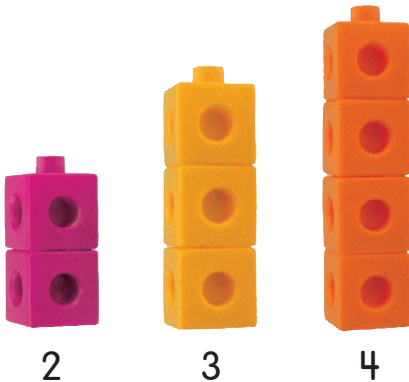
How many  are there in the next 


 ? 

# Hands-On Activity

Use  to make towers that show counting on.

Example




This shows counting on from 2 to 4.

- 1 Show counting on from 4 to 7.
- 2 Show counting on from 6 to 9.

## Guided Learning

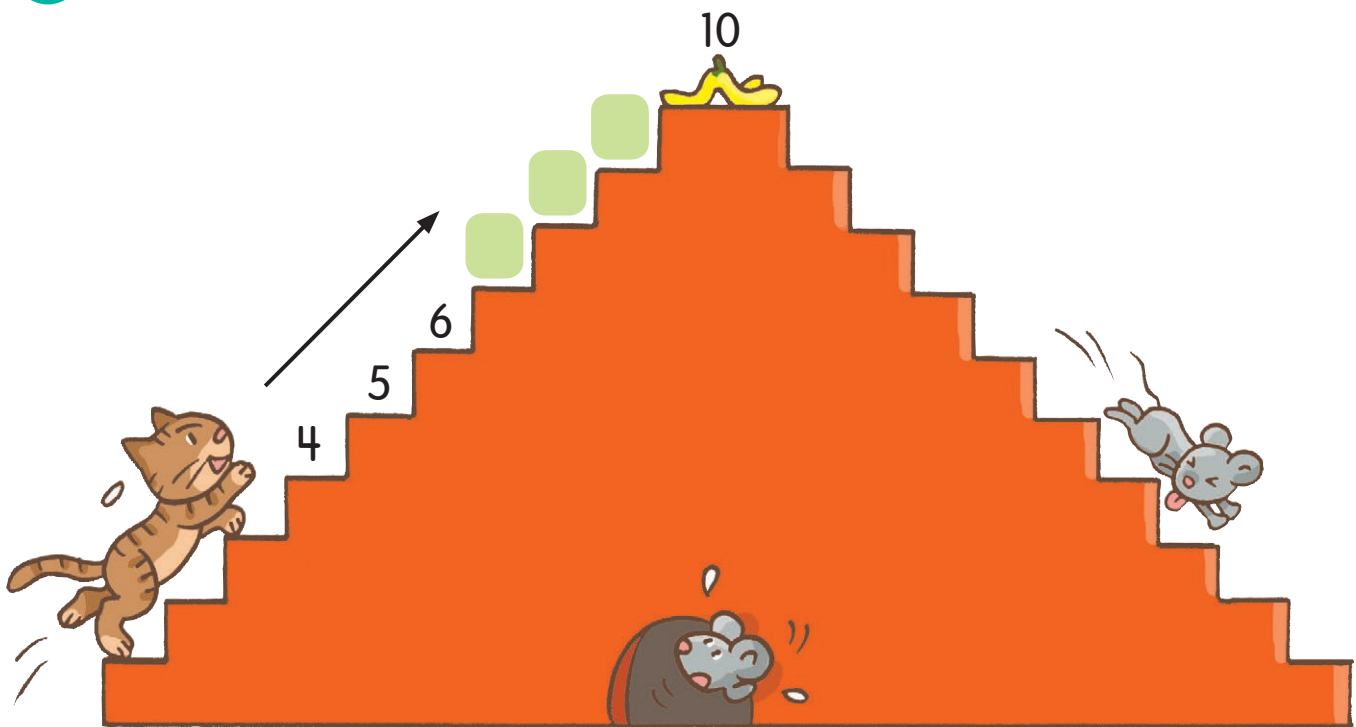
Solve.

- 3 Count on.  
What is the next number?  
1, 2, 3, 4, 

3, 4, 5!

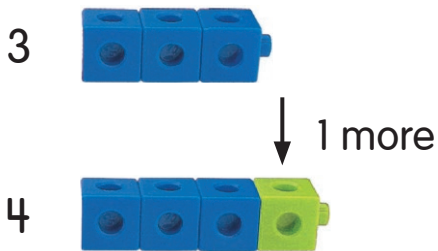


4 What are the missing numbers?



**LEARN** Use  to find 1 more.

What is 1 more than 3?



4 is 1 **more than** 3.

## Guided Learning

**Solve.**

5 What is 1 more than 8?

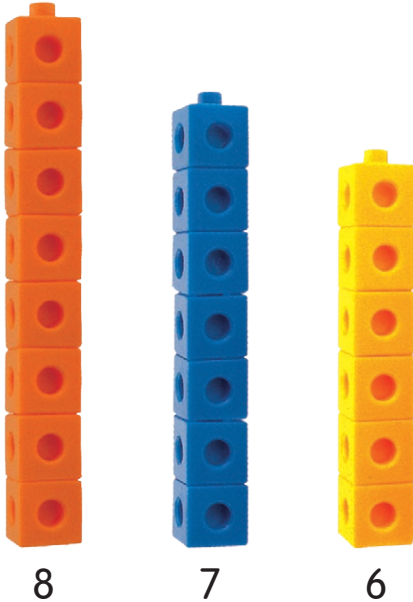


 is 1 more than 8.

# Hands-On Activity

Use  to make towers that show counting back.

Example




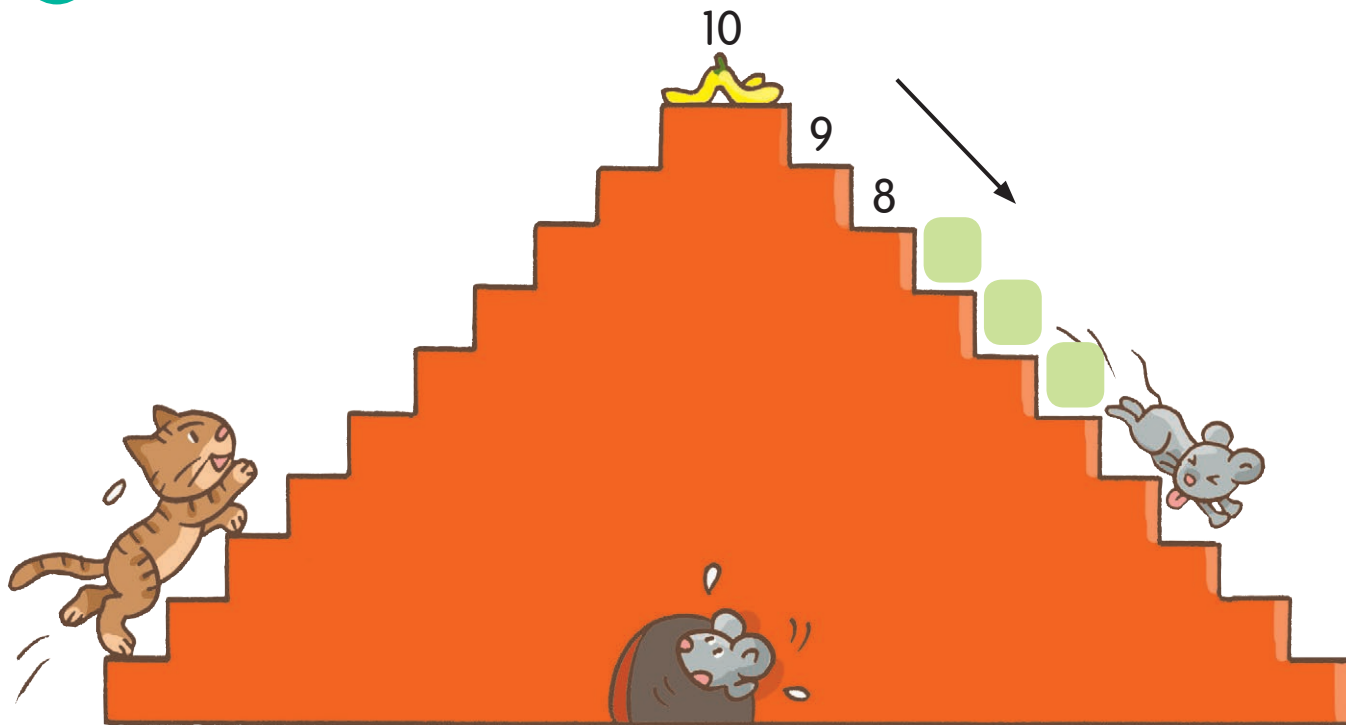
This shows counting back from 8 to 6.

- 1 Show counting back from 7 to 4.
- 2 Show counting back from 5 to 1.

## Guided Learning

**Solve.**

- 6 Count back.  
What is the next number?  
7, 6, 5, 




**LEARN**

Use  to find 1 less.

# What is 1 less than 4?

4  
3

1 less



The diagram shows two rows of base ten blocks. The top row consists of four blocks: three green tens blocks and one orange one block. To the left of this row is the number '4'. An arrow points down from the orange one block to the bottom row. The bottom row consists of three green tens blocks and one green one block. To the left of this row is the number '3'. The text '1 less' is written to the right of the arrow.

3 is 1 less than 4.

## Guided Learning

## Solve.

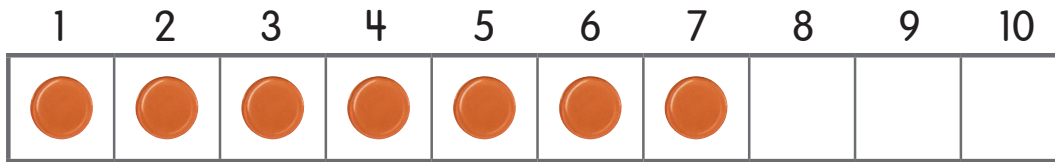
8



is 1 less than 6.

## LEARN Relate numbers to 5 and 10.

There are 7 beads.



If I count forward 2 steps from 5, I will get to 7.

If I count backward 3 steps from 10, I will get to 7.

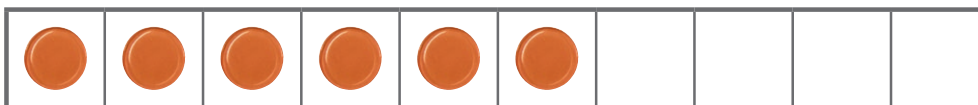
7 is 2 more than 5.

7 is 3 less than 10.



## Guided Learning

Count and answer.



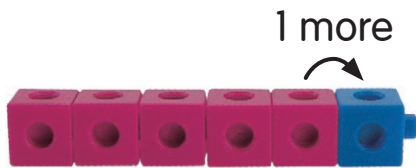
9 6 is  more than 5.

10 6 is  less than 10.

# Let's Practise

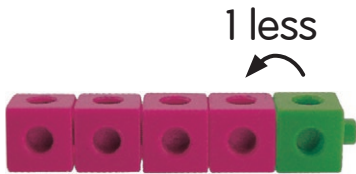
**Solve.**

**1**



1 more than 5 is .

**2**



1 less than 5 is .

**3**

3 more than 5 is .

**4**

2 less than 10 is .

**What are the missing numbers?**

**5**

1, 2, 3, ,

**6**

2, 3, 4, , , 7, 8

**7**

, 7, 8, 9,

**8**

10, 9, , , , 5, 4

**9**

5, 4, 3, , ,



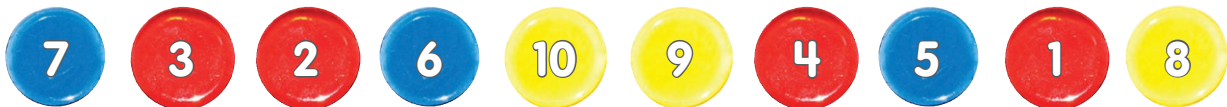
## Which sentences are true?

- 1 A bicycle has 2 wheels.
- 2 A cat has 4 legs.
- 3 5 is more than 7.
- 4 8 is 2 less than 10.

## Put on Your Thinking Cap!

### PROBLEM SOLVING

Here are some counters.



Group the numbers this way.

Numbers Less than 5	Numbers from 5 to 7	Numbers Greater than 7

What can you say about the counters in each group?

# Chapter Wrap Up

You have learned ...



Numbers tell how many.  
Counting is used to find out  
and compare how many.

## Numbers to 10

Count

0

• 1

•• 2

••• 3

•••• 4

••••• 5

•••••• 6

••••••• 7

•••••••• 8

••••••••• 9

•••••••••• 10

Read and  
Write

0 zero

1 one

2 two

3 three

4 four

5 five

6 six

7 seven

8 eight

9 nine

10 ten

Show

4 stars



Compare  
and Relate



There are  
more ♦ than ▲.

There are  
fewer ▲ than ♦.

8 is greater than 7.

7 is less than 8.

1 more than 7 is 8.

1 less than 8 is 7.

1 2 3 4 5 6 7 8 9 10



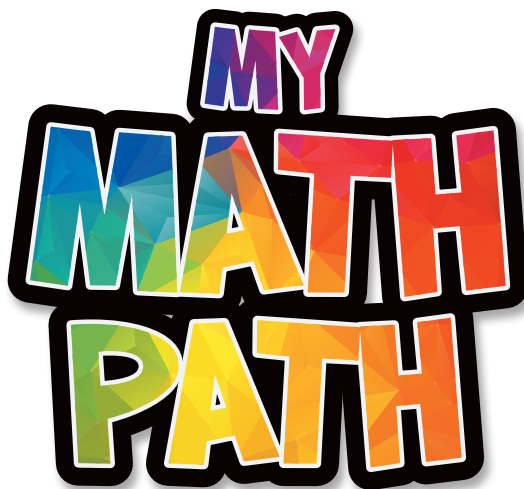
3 more than 5 is 8.

2 less than 10 is 8.

Count On  
and Back

5, 6, 7, 8, 9

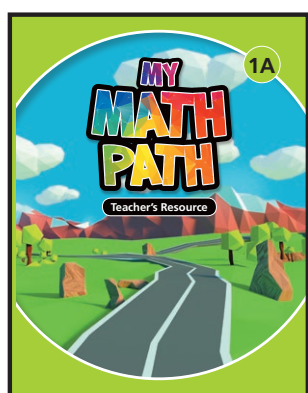
4, 3, 2, 1, 0



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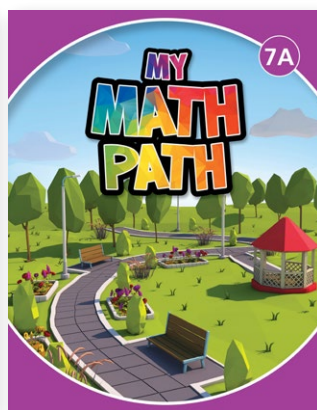
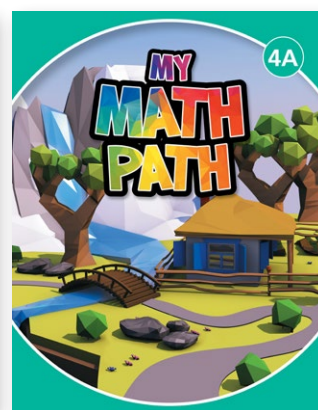
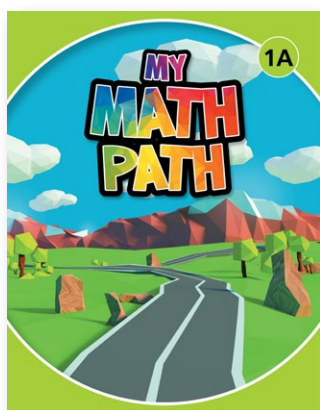
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