



COMMON CORE

Grade 1

Mathematics

CLINICS

Number and Operations
in Base Ten

 Options™

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Lesson 1

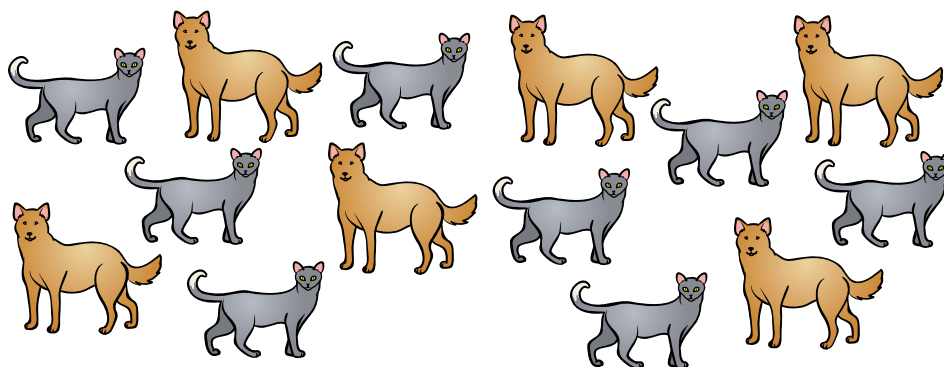
Count Objects


Get the Idea

You can **count** to find how many.
Write the **number**.

Example 1


How many  ?




Strategy Count only the .

Step 1 There are  and .

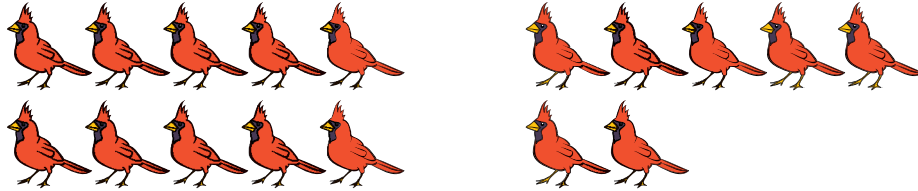
Step 2 Circle each  as you count.

Step 3 Write the number. 

Answer There are 8 .

Example 2

How many  ?



Strategy Circle each  as you count.

Write the number.

17

Answer There are 17 .


Guided Practice

How many ?

Circle each  as you count.

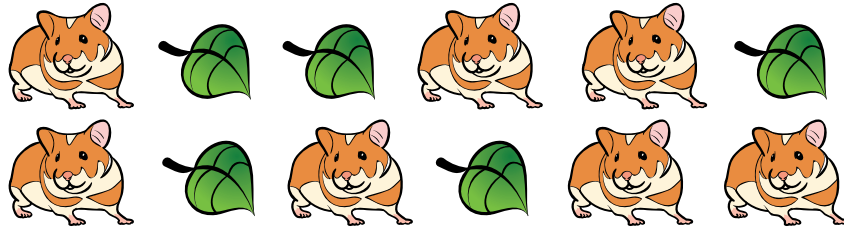


Write the number.

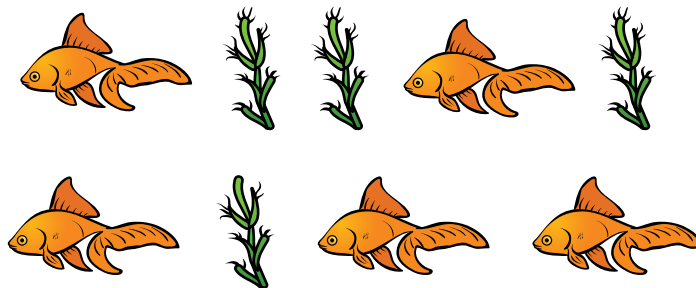
There are _____ .

Try It!

1. How many  ?



2. How many  ?



The background of the entire cover is a dense, close-up photograph of various M&M's candies. The candies are in shades of blue, yellow, orange, red, and green, and they are all spherical with a glossy finish. They are piled together, creating a vibrant and textured background.

COMMON CORE

Grade 1

Mathematics

CLINICS

Operations and
Algebraic Thinking

 Options™

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Lesson 1

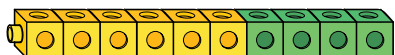
Fact Families

Get the Idea

A **fact family** is a group of related facts.
The facts use the same numbers.

4, 6, and 10 are in the fact family below.

related addition facts



$$6 + 4 = 10$$



$$4 + 6 = 10$$

related subtraction facts



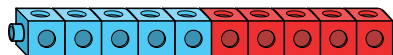
$$10 - 4 = 6$$



$$10 - 6 = 4$$

Some fact families have only 2 facts.
Think about doubles.

5, 5, and 10 are in this fact family.



$$5 + 5 = 10$$



$$10 - 5 = 5$$

Example 1

What are the related subtraction facts?

$$7 + 6 = 13$$

Strategy Use the same numbers.

Step 1 What are the numbers in the fact?
..... 6, 7, 13

Step 2 Write the related facts.
..... Use the same numbers.

$$13 - 6 = 7$$

$$13 - 7 = 6$$

Answer The related subtraction facts are:
 $13 - 6 = 7$
 $13 - 7 = 6$

Example 2

Write a fact family with these numbers.

6 8 14

Strategy Use the same numbers.

Step 1 Write the addition facts.

$$8 + 6 = 14$$

$$6 + 8 = 14$$

Step 2 Write the subtraction facts.

$$14 - 8 = 6$$

$$14 - 6 = 8$$

Answer $8 + 6 = 14$

$$6 + 8 = 14$$

$$14 - 8 = 6$$

$$14 - 6 = 8$$

Guided Practice

Write a fact family with these numbers.

5 7 12

What are the numbers in this fact family? _____

Write the addition facts.

$$\underline{5} + \underline{7} = \underline{12}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

Write the subtraction facts.

$$\underline{12} - \underline{7} = \underline{5}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

The fact family is:

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

Try It!

Fill in the for each fact family.

1. $3 + 8 = \square$

$8 + 3 = \square$

$\square - 8 = 3$

$\square - 3 = 8$

2. $\square + 3 = 10$

$3 + \square = 10$

$10 - 3 = \square$

$10 - \square = 3$

3. $\square + 5 = 13$

$5 + \square = 13$

$13 - 5 = \square$

$13 - \square = 5$

4. $5 + 4 = \square$

$4 + 5 = \square$

$\square - 5 = 4$

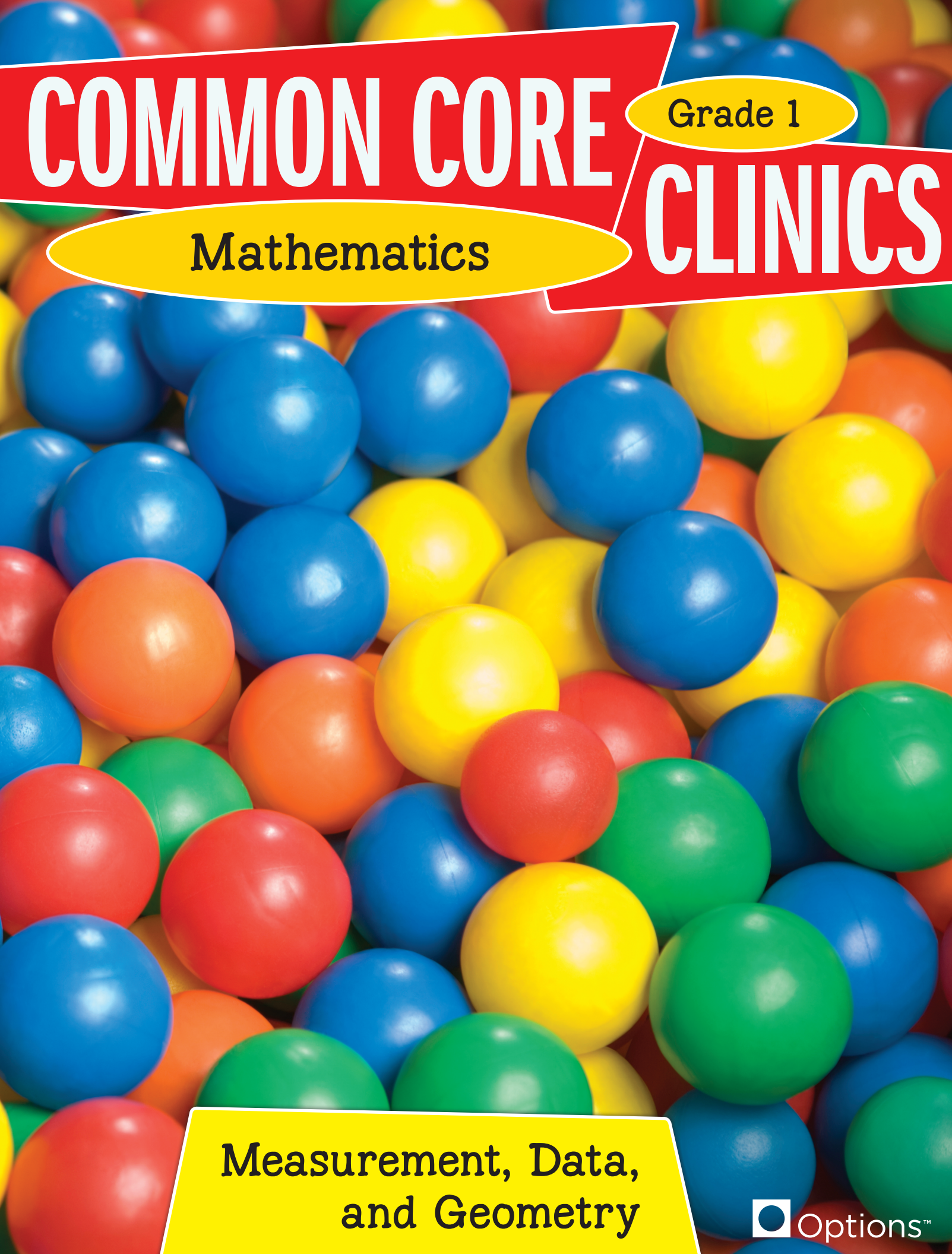
$\square - 4 = 5$

5. $4 + \square = 8$

$8 - \square = 4$

6. $7 + \square = 14$

$14 - \square = 7$



COMMON CORE

Grade 1

Mathematics

CLINICS

Measurement, Data,
and Geometry



Options™

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Common Core State Standard(s)

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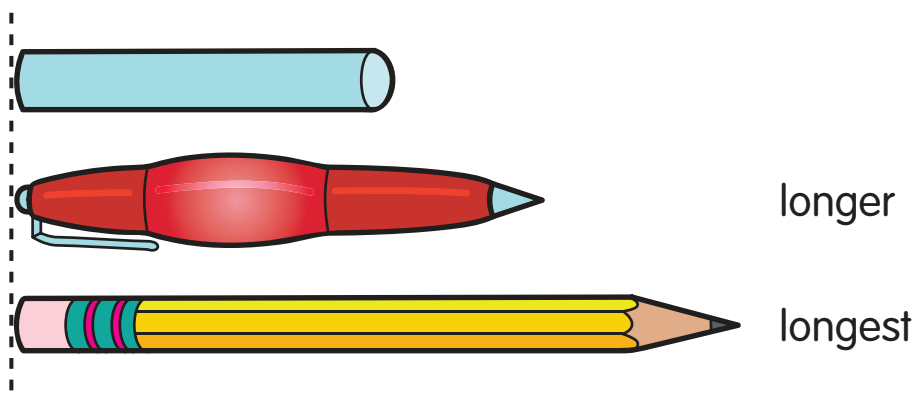
Lesson 1

Compare and Order Lengths

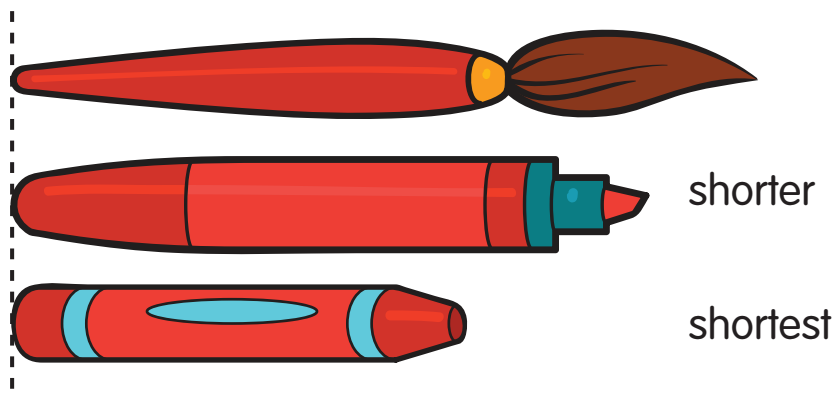
Get the Idea

You can compare and order **lengths**.
Line up the objects on one side.

The pencil is the longest.

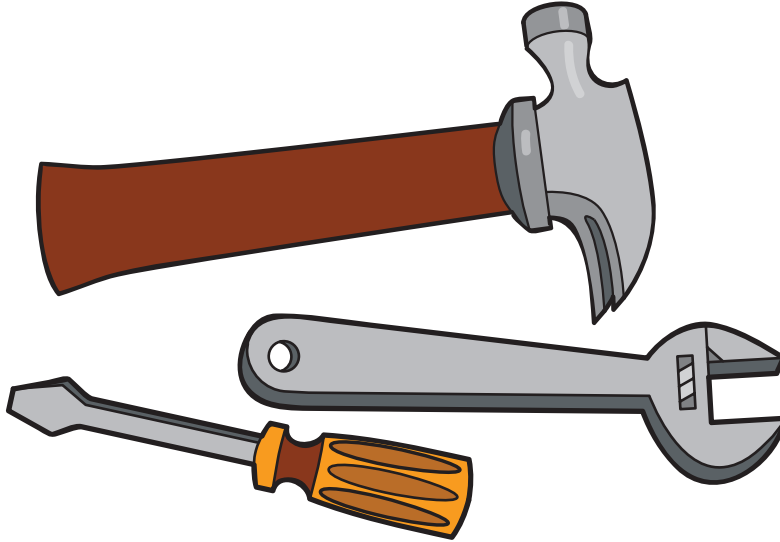


The crayon is the shortest.

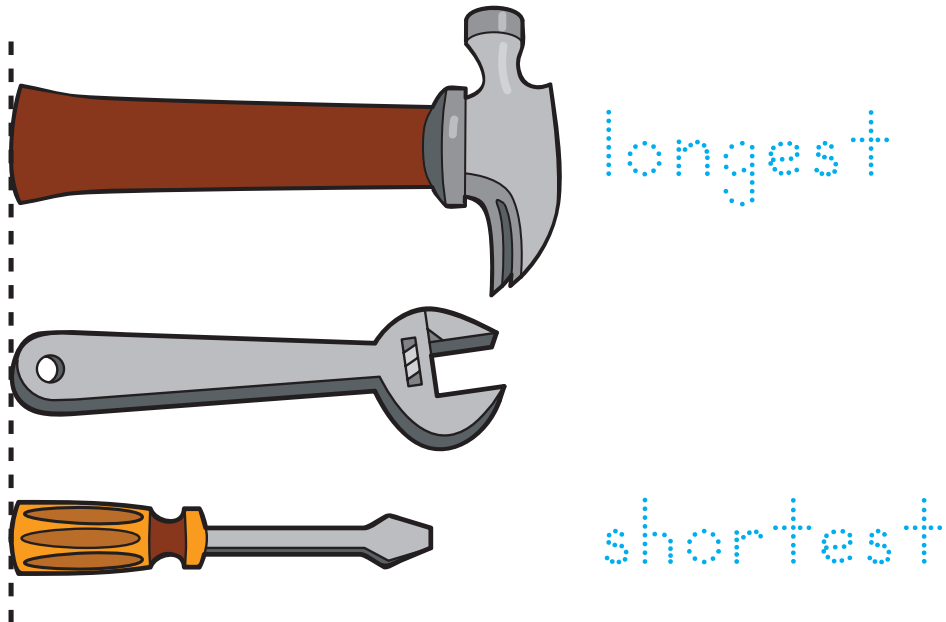


Example 1

Order the objects from longest to shortest.



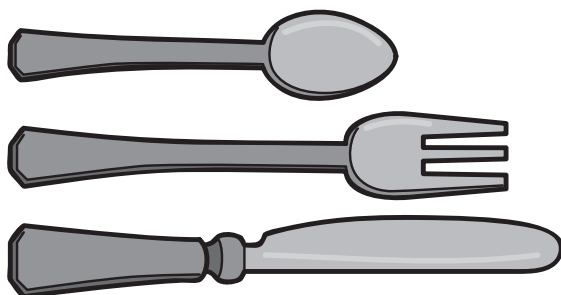
Strategy Line up the objects on one side.



Answer The objects are in order from longest to shortest.

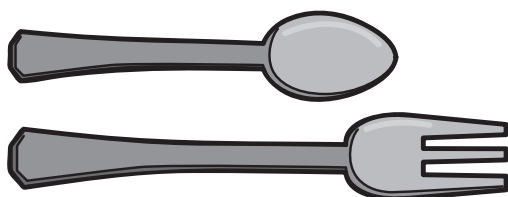
Example 2

Is the spoon shorter or longer than the knife?

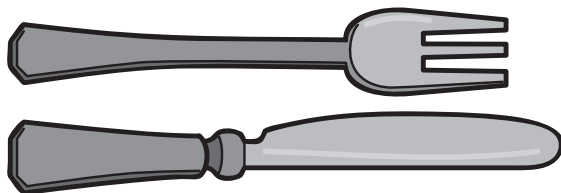


Strategy Compare each one to the fork.

Step 1 The spoon is shorter than the fork.



Step 2 The fork is shorter than the knife.



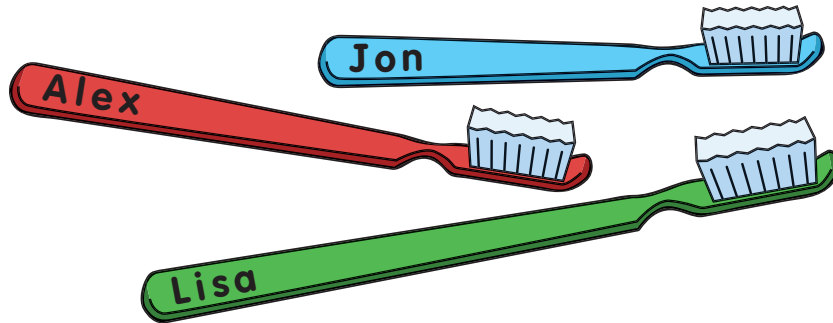
Step 3 Think about the spoon and the knife.
The spoon is **shorter** than the knife.

Answer The spoon is shorter than the knife.

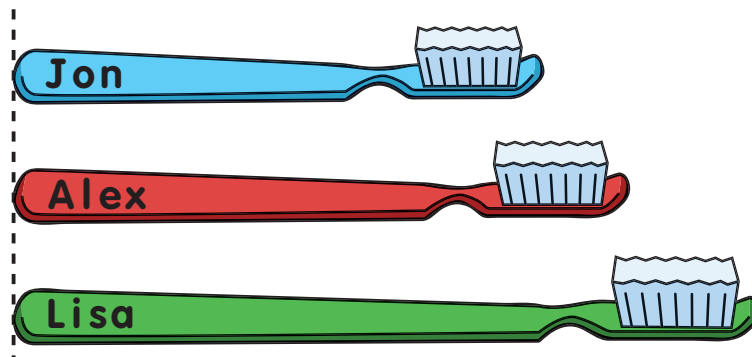
Guided Practice

Order the toothbrushes.

Write the names from shortest to longest.



Line up the toothbrushes on one side.



Who has the shortest toothbrush? _____

Who has the longest toothbrush? _____

Write the names from shortest to longest.

The names from shortest to longest are

_____, _____, _____.

Try It!

Choose the correct answer.

1. Which is shorter than this straw?



2. Which is longer than this glue stick?

