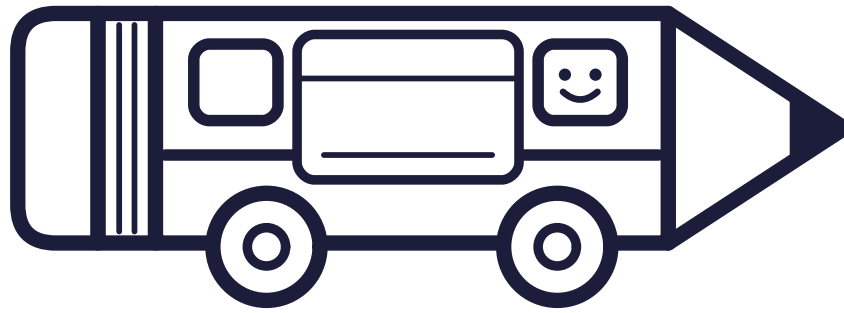




Color the bus.

HELLO my name is
Theo

Theo's art math adventure

Made for Theo.

2nd grade math: adding and taking away within 50

This sample is about Theo.

The highlighted words change for every kid:
their name, family, pets and favorite things.

Make one about your kid. It is free to start.

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Set A

Adding to

Finished? Color the star.



Start with some. Get more. Find how many in all.



Example

Theo has 24 paintbrushes. Mom gives Theo 16 more. How many paintbrushes does Theo have now?

whole	40	
part	24	part 16

$$\boxed{24} + \boxed{16} = \boxed{40}$$

Theo has 40 paintbrushes now.

1

Theo has 30 crayons. Cora gives Theo 4 more. How many crayons does Theo have now?

whole	?	
part	30	part 4

Add the two parts.

$$\boxed{} + \boxed{} = \boxed{}$$

Theo has ____ crayons now.

2

Theo has 39 crayons. Dad gives Theo 11 more. How many crayons does Theo have now?

whole	?	
part	39	part 11

Add the two parts.

$$\boxed{} + \boxed{} = \boxed{}$$

Theo has ____ crayons now.

The highlighted words can be about your kid.

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Set B

Putting together

Finished? Color the star.



Two groups go together. Find how many in all.



Example

Theo painted 16 pictures. Sam painted 4 pictures. How many pictures did they paint altogether?

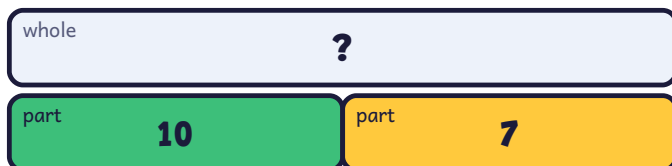


$$\boxed{16} + \boxed{4} = \boxed{20}$$

They painted 20 pictures altogether.

3

Theo painted 10 pictures. Mom painted 7 pictures. How many pictures did they paint altogether?



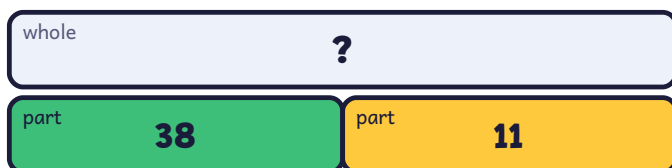
Add the two parts.

$$\boxed{} + \boxed{} = \boxed{}$$

They painted ____ pictures altogether.

4

Theo drew 38 rainbows. Sam drew 11 rainbows. How many rainbows did they draw altogether?



Add the two parts.

$$\boxed{} + \boxed{} = \boxed{}$$

They drew ____ rainbows altogether.

The highlighted words can be about your kid.

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Set C

Taking from

Finished? Color the star.



Start with some. Some go away. Find how many are left.



Example

Theo has 15 paintbrushes. Theo gives 14 to Sam. How many paintbrushes does Theo have left?

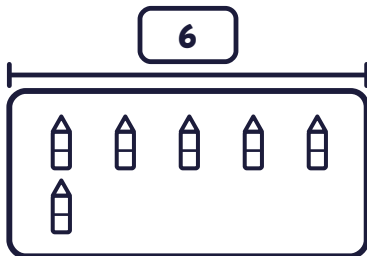
whole	15	
part	14	part 1

$$\boxed{15} - \boxed{14} = \boxed{1}$$

Theo has 1 paintbrush left.

5

Theo has 6 paintbrushes. Theo gives 2 to Mom. How many paintbrushes does Theo have left?



Cross out 2. Count the rest.

$$\boxed{} - \boxed{} = \boxed{}$$

Theo has _____ paintbrushes left.

6

Theo has 24 crayons. Theo gives 6 to Mom. How many crayons does Theo have left?

whole	24	
part	6	part ?

Take 6 from the whole.

$$\boxed{} - \boxed{} = \boxed{}$$

Theo has _____ crayons left.

The highlighted words can be about your kid.

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Set D

Comparing

Finished? Color the star.



Look at two groups. Find how many more one has.



Example

Theo drew **3** rainbows. Dad drew **1** rainbow. How many more rainbows did Theo draw than Dad?

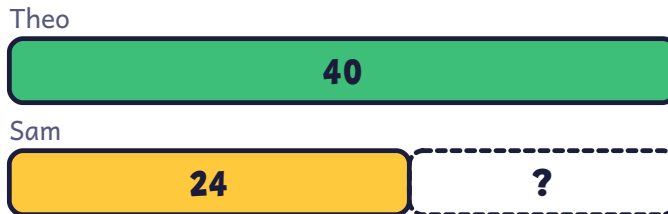


$$\boxed{3} - \boxed{1} = \boxed{2}$$

Theo drew 2 more than Dad.

7

Theo painted **40** pictures. Sam painted **24** pictures. How many more pictures did Theo paint than Sam?



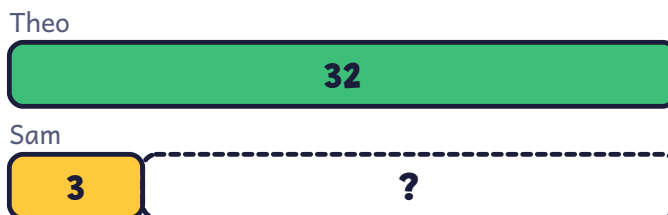
Find the difference.

$$\boxed{} - \boxed{} = \boxed{}$$

Theo painted more than Sam.

8

Theo painted **32** pictures. Sam painted **3** pictures. How many more pictures did Theo paint than Sam?



Find the difference.

$$\boxed{} - \boxed{} = \boxed{}$$

Theo painted more than Sam.

The highlighted words can be about your kid.

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Set E

Finding the missing part

Finished? Color the star.



You know the whole and one part. Find the other part.



Example

Theo wants to draw **44** rainbows. **Theo** already drew **30**. How many more does **Theo** need to draw?

whole	44	
part	30	part 14

$$\boxed{30} + \boxed{14} = \boxed{44}$$

Theo needs 14 more.

9

Theo wants to paint **40** pictures. **Theo** already painted **38**. How many more does **Theo** need to paint?

whole	40	
part	38	part ?

Find the missing part.

$$\boxed{38} + \boxed{} = \boxed{40}$$

Theo needs more.

10

Theo wants to paint **18** pictures. **Theo** already painted **8**. How many more does **Theo** need to paint?

whole	18	
part	8	part ?

Find the missing part.

$$\boxed{8} + \boxed{} = \boxed{18}$$

Theo needs more.

The **highlighted words** can be about your kid.

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check

Quick check

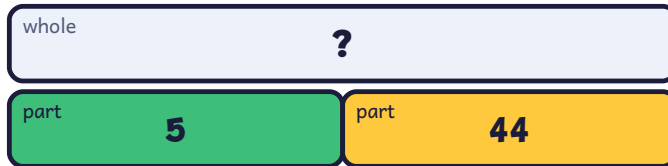
Finished? Color the star.



No example this time. Show what you know.

- 11 Theo painted 5 pictures. Grandma painted 44 pictures. How many pictures did they paint altogether?

Which equation shows the story?



- (A) $5 + 44 = 49$
 (B) $4 + 44 = 48$
 (C) $6 + 44 = 50$
 (D) $4 + 45 = 49$

- 12 Theo painted 22 pictures. Cora painted 5 pictures. How many more pictures did Theo paint than Cora?

Mark the answer.



- (A) 16
 (B) 17
 (C) 18
 (D) 22

- 13 Theo has 29 paintbrushes. Theo gives 26 to Mom. How many paintbrushes does Theo have left?

Which equations show the story? Choose all that apply.

- ☐ $26 + 3 = 29$ ☐ $29 - 21 = 8$ ☐ $29 - 26 = 3$ ☐ $17 + 12 = 29$

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14

Theo has 2 paintbrushes. Cora gives Theo 3 more. Theo wants to give 1 to each of 3 friends. Does Theo have enough paintbrushes?

Draw a picture. Use words to explain.

Circle one:

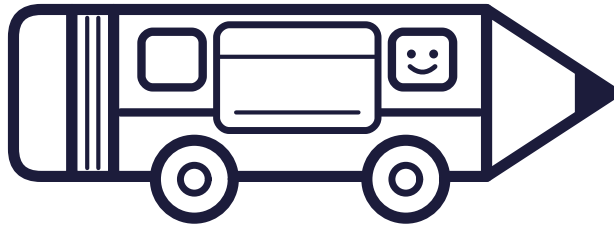
Yes

No

The highlighted words can be about your kid.

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Theo is a math champion

Theo finished every set.

Signed _____

Date _____

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Answer key

For grown-ups.

1. $30 + 4 = 34$ Theo has 34 crayons now.
2. $39 + 11 = 50$ Theo has 50 crayons now.
3. $10 + 7 = 17$ They painted 17 pictures altogether.
4. $38 + 11 = 49$ They drew 49 rainbows altogether.
5. $6 - 2 = 4$ Theo has 4 paintbrushes left.
6. $24 - 6 = 18$ Theo has 18 crayons left.
7. $40 - 24 = 16$ Theo painted 16 more than Sam.
8. $32 - 3 = 29$ Theo painted 29 more than Sam.
9. $38 + 2 = 40$ Theo needs 2 more.
10. $8 + 10 = 18$ Theo needs 10 more.
11. A $5 + 44 = 49$
12. B 17
13. $26 + 3 = 29$ and $29 - 26 = 3$
14. Yes. $2 + 3 = 5$. 5 is more than 3.

The highlighted words can be about your kid.

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