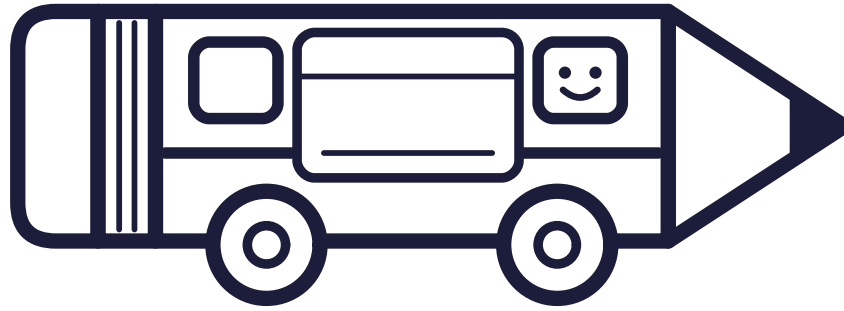




Color the bus.

HELLO

my name is

Theo

Theo's space math adventure

Made for Theo.

1st grade math: adding and taking away within 20

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 **8** rockets. Grandma gives Theo **10** more. How many rockets does Theo have now?

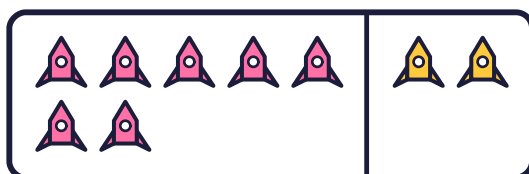
whole	18
part	8
part	10

$$\boxed{8} + \boxed{10} = \boxed{18}$$

Theo has 18 rockets now.

1

Theo has **7** moon rocks. Sam gives Theo **2** more. How many moon rocks does Theo have now?



Count them all.

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

Theo has moon rocks now.

2

Theo has **19** rockets. Mom gives Theo **1** more. How many rockets does Theo have now?

whole	?
part	19
part	1

Add the two parts.

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

Theo has rockets 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 counted 10 stars. Mom counted 3 stars. How many stars did they count altogether?

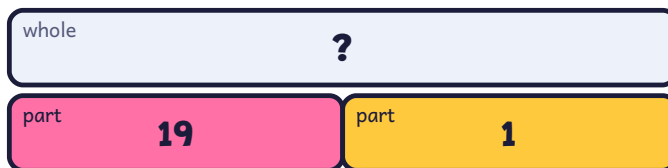


$$\boxed{10} + \boxed{3} = \boxed{13}$$

They counted 13 stars altogether.

3

Theo counted 19 stars. Sam counted 1 star. How many stars did they count altogether?



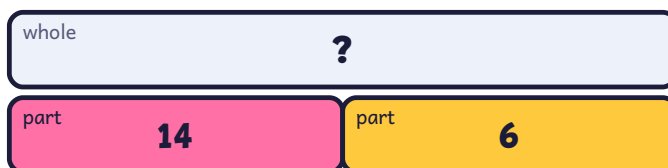
Add the two parts.

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

They counted stars altogether.

4

Theo spotted 14 planets. Cora spotted 6 planets. How many planets did they spot altogether?



Add the two parts.

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

They spotted planets 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 20 moon rocks. Theo gives 7 to Dad. How many moon rocks does Theo have left?



$$\boxed{20} - \boxed{7} = \boxed{13}$$

Theo has 13 moon rocks left.

5

Theo has 17 moon rocks. Theo gives 5 to Dad. How many moon rocks does Theo have left?



Take 5 from the whole.

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

Theo has ____ moon rocks left.

6

Theo has 14 rockets. Theo gives 10 to Mom. How many rockets does Theo have left?



Take 10 from the whole.

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

Theo has ____ rockets left.

The highlighted words can be about your kid.

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Set D

Comparing

Finished? Color the star.

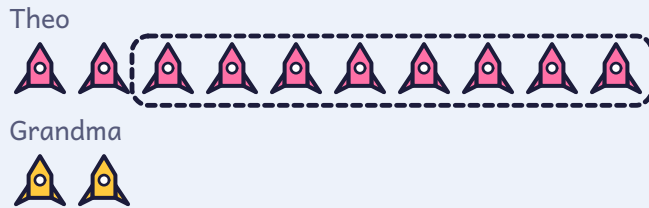


Look at two groups. Find how many more one has.



Example

Theo spotted **10** planets. Grandma spotted **2** planets. How many more planets did Theo spot than Grandma?



$$\boxed{10} - \boxed{2} = \boxed{8}$$

Theo spotted 8 more than Grandma.

7

Theo counted **18** stars. Dad counted **5** stars. How many more stars did Theo count than Dad?



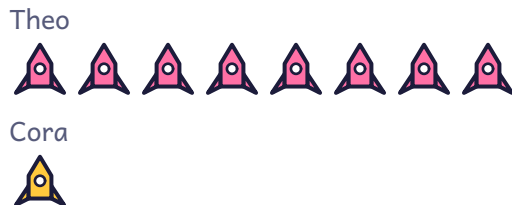
Find the difference.

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

Theo counted more than Dad.

8

Theo counted **8** stars. Cora counted **1** star. How many more stars did Theo count than Cora?



Circle the extras.

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

Theo counted more than Cora.

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 has 7 moon rocks. Theo wants 14 moon rocks. How many more does Theo need?

whole	14
part	7
part	7

$$\boxed{7} + \boxed{7} = \boxed{14}$$

Theo needs 7 more.

9

Theo wants to count 12 stars. Theo already counted 5. How many more does Theo need to count?

whole	12
part	5
part	?

Find the missing part.

$$\boxed{5} + \boxed{} = \boxed{12}$$

Theo needs ____ more.

10

Theo wants to count 18 stars. Theo already counted 10. How many more does Theo need to count?

whole	18
part	10
part	?

Find the missing part.

$$\boxed{10} + \boxed{} = \boxed{18}$$

Theo needs ____ more.

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check

Quick check

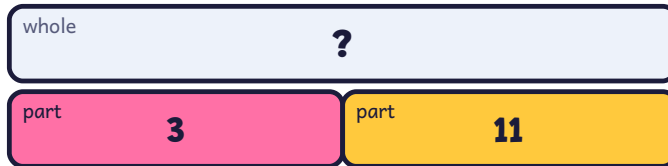
Finished? Color the star.



No example this time. Show what you know.

- 11 Theo counted 3 stars. Cora counted 11 stars. How many stars did they count altogether?

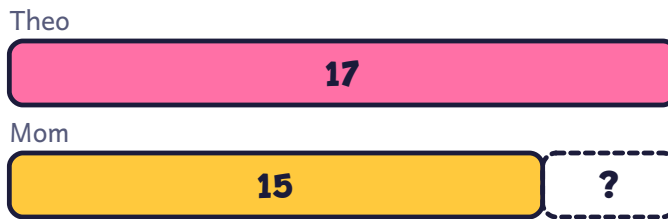
Which equation shows the story?



- (A) $2 + 11 = 13$
 (B) $3 + 9 = 12$
 (C) $2 + 12 = 14$
 (D) $3 + 11 = 14$

- 12 Theo counted 17 stars. Mom counted 15 stars. How many more stars did Theo count than Mom?

Mark the answer.



- (A) 1
 (B) 2
 (C) 3
 (D) 17

- 13 Theo has 16 rockets. Theo gives 8 to Mom. How many rockets does Theo have left?

Which equations show the story? Choose all that apply.

- ☐ $16 - 7 = 9$ ☐ $16 - 8 = 8$ ☐ $2 + 14 = 16$ ☐ $8 + 8 = 16$

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14

Theo has 12 moon rocks. Cora gives Theo 8 more. Theo wants to give 1 to each of 19 friends. Does Theo have enough moon rocks?

Draw a picture. Use words to explain.

Circle one:

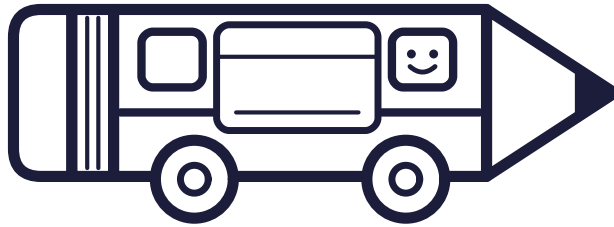
Yes

No

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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. $7 + 2 = 9$

Theo has 9 moon rocks now.

2. $19 + 1 = 20$

Theo has 20 rockets now.

3. $19 + 1 = 20$

They counted 20 stars altogether.

4. $14 + 6 = 20$

They spotted 20 planets altogether.

5. $17 - 5 = 12$

Theo has 12 moon rocks left.

6. $14 - 10 = 4$

Theo has 4 rockets left.

7. $18 - 5 = 13$

Theo counted 13 more than Dad.

8. $8 - 1 = 7$

Theo counted 7 more than Cora.

9. $5 + 7 = 12$

Theo needs 7 more.

10. $10 + 8 = 18$

Theo needs 8 more.

11. D $3 + 11 = 14$

12. B 2

13. $16 - 8 = 8$ and $8 + 8 = 16$

14. Yes. $12 + 8 = 20$. 20 is more than 19.

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