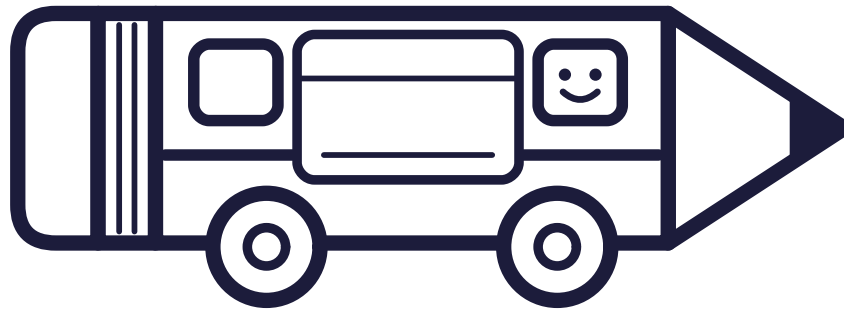




Color the bus.

HELLO

my name is

Ruby

Ruby's building bricks math adventure

Made for Ruby.

1st grade math: adding and taking away within 20

This sample is about Ruby.

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

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

Go to schoolbusworksheets.com or scan the code.



Set A

Adding to

Finished? Color the star.



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



Example

Ruby has 8 brick cars. Mia gives Ruby 6 more. How many brick cars does Ruby have now?

whole	14
part	8
part	6

$$\boxed{8} + \boxed{6} = \boxed{14}$$

Ruby has 14 brick cars now.

1

Ruby has 6 bricks. Mia gives Ruby 8 more. How many bricks does Ruby have now?

whole	?
part	6
part	8

Add the two parts.

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

Ruby has ____ bricks now.

2

Ruby has 7 brick cars. Dad gives Ruby 1 more. How many brick cars does Ruby have now?

--	--

Count them all.

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

Ruby has ____ brick cars 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

Ruby built 5 brick robots. Mom built 7 brick robots. How many brick robots did they build altogether?

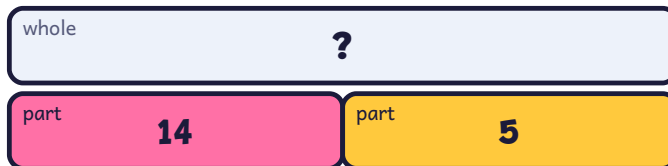


$$\boxed{5} + \boxed{7} = \boxed{12}$$

They built 12 brick robots altogether.

3

Ruby built 14 brick robots. Mom built 5 brick robots. How many brick robots did they build altogether?



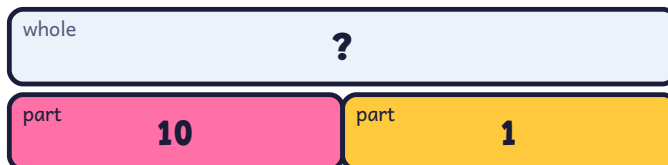
Add the two parts.

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

They built _____ brick robots altogether.

4

Ruby built 10 brick robots. Grandma built 1 brick robot. How many brick robots did they build altogether?



Add the two parts.

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

They built _____ brick robots altogether.

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Set c

Taking from

Finished? Color the star.



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



Example

Ruby has 16 brick cars. Ruby gives 13 to Theo. How many brick cars does Ruby have left?



$$\boxed{16} - \boxed{13} = \boxed{3}$$

Ruby has 3 brick cars left.

5

Ruby has 11 bricks. Ruby gives 5 to Theo. How many bricks does Ruby have left?



Take 5 from the whole.

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

Ruby has ____ bricks left.

6

Ruby has 19 brick cars. Ruby gives 1 to Mia. How many brick cars does Ruby have left?



Take 1 from the whole.

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

Ruby has ____ brick cars 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

Ruby built **15** towers. Grandma built **11** towers. How many more towers did Ruby build than Grandma?

Ruby



Grandma



$$\boxed{15} - \boxed{11} = \boxed{4}$$

Ruby built 4 more than Grandma.

7

Ruby built **17** towers. Mia built **3** towers. How many more towers did Ruby build than Mia?

Ruby



Mia



Find the difference.

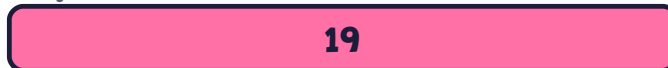
$$\boxed{} - \boxed{} = \boxed{}$$

Ruby built more than Mia.

8

Ruby built **19** brick robots. Mia built **13** brick robots. How many more brick robots did Ruby build than Mia?

Ruby



Mia



Find the difference.

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

Ruby built more than Mia.

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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

Ruby has 17 bricks. Ruby wants 20 bricks. How many more does Ruby need?

whole	20	
part	17	part 3

$$\boxed{17} + \boxed{3} = \boxed{20}$$

Ruby needs 3 more.

9

Ruby wants to build 18 brick robots. Ruby already built 8. How many more does Ruby need to build?

whole	18	
part	8	part ?

Find the missing part.

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

Ruby needs ____ more.

10

Ruby wants to build 7 towers. Ruby already built 3. How many more does Ruby need to build?

7	

Draw more to reach 7.

$$\boxed{3} + \boxed{} = \boxed{7}$$

Ruby needs ____ more.

The highlighted words can be about your kid.

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Check

Quick check

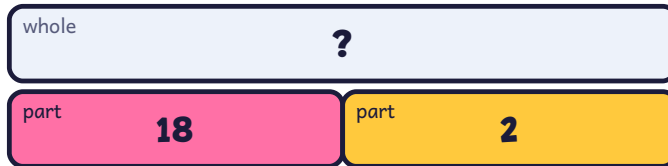
Finished? Color the star.



No example this time. Show what you know.

- 11 Ruby built 18 towers. Dad built 2 towers. How many towers did they build altogether?

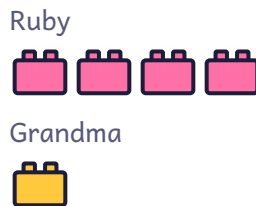
Which equation shows the story?



- (A) $16 + 2 = 18$
 (B) $18 + 2 = 20$
 (C) $17 + 2 = 19$
 (D) $18 + 1 = 19$

- 12 Ruby built 4 brick robots. Grandma built 1 brick robot. How many more brick robots did Ruby build than Grandma?

Mark the answer.



- (A) 1
 (B) 2
 (C) 3
 (D) 4

- 13 Ruby has 16 bricks. Ruby gives 12 to Theo. How many bricks does Ruby have left?

Which equations show the story? Choose all that apply.

- ☐ $16 - 7 = 9$ ☐ $6 + 10 = 16$ ☐ $12 + 4 = 16$ ☐ $16 - 12 = 4$

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14

Ruby has 4 bricks. Mom gives Ruby 9 more. Ruby wants to give 1 to each of 14 friends. Does Ruby have enough bricks?

Draw a picture. Use words to explain.

Circle one:

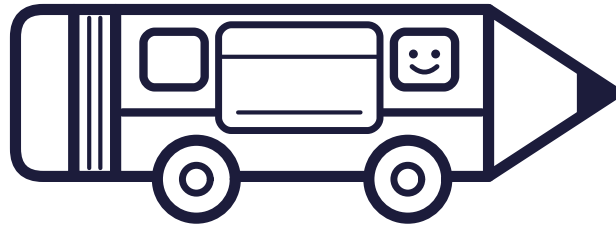
Yes

No

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Ruby is a math champion

Ruby finished every set.

Signed _____

Date _____

Made with schoolbusworksheets.com

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

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Answer key

For grown-ups.

1. $6 + 8 = 14$

Ruby has 14 bricks now.

2. $7 + 1 = 8$

Ruby has 8 brick cars now.

3. $14 + 5 = 19$

They built 19 brick robots altogether.

4. $10 + 1 = 11$

They built 11 brick robots altogether.

5. $11 - 5 = 6$

Ruby has 6 bricks left.

6. $19 - 1 = 18$

Ruby has 18 brick cars left.

7. $17 - 3 = 14$

Ruby built 14 more than Mia.

8. $19 - 13 = 6$

Ruby built 6 more than Mia.

9. $8 + 10 = 18$

Ruby needs 10 more.

10. $3 + 4 = 7$

Ruby needs 4 more.

11. B $18 + 2 = 20$

12. C 3

13. $12 + 4 = 16$ and $16 - 12 = 4$

14. No. $4 + 9 = 13$. 13 is less than 14.

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