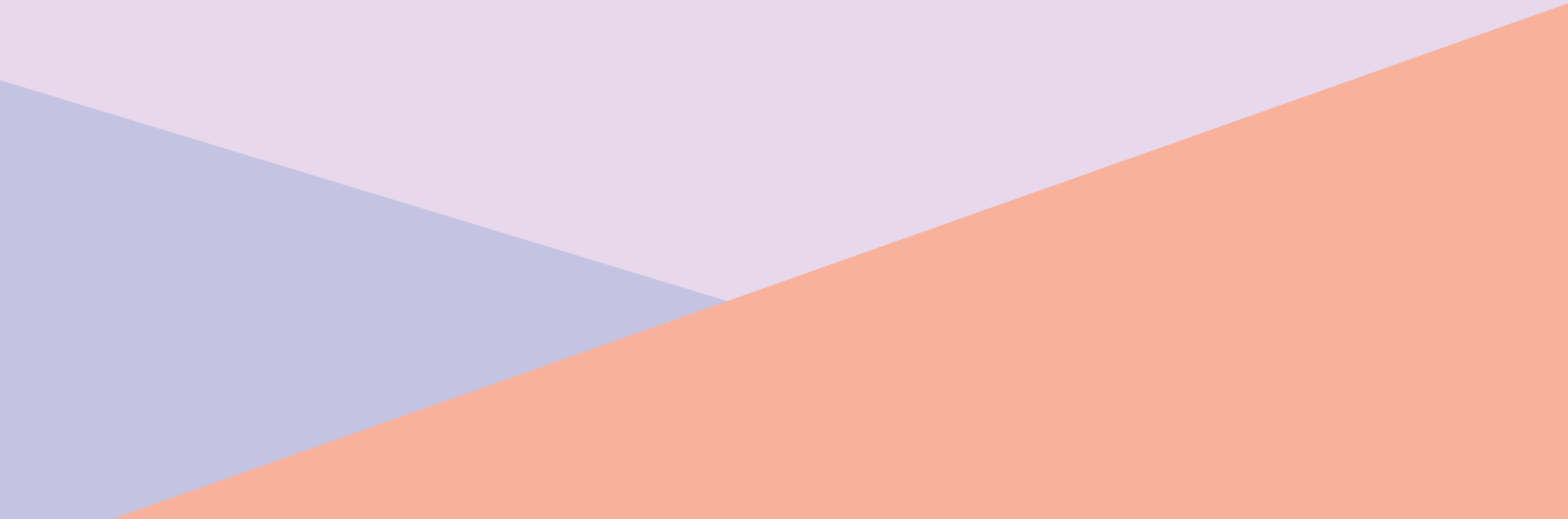


Whose book is this?



ST MATH ACTIVITY PAGES

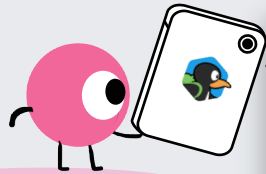
2nd Grade



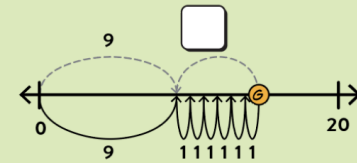
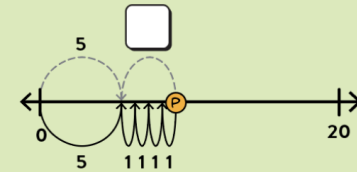
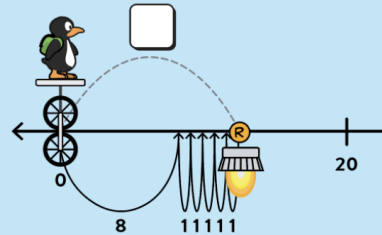
Welcome to the ST Math Activity Pages!

This activity page is like a playground of your favorite ST Math games in book form.

Scan the QR codes to play the ST Math puzzles related to each page.

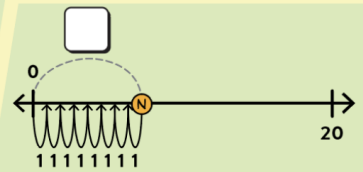
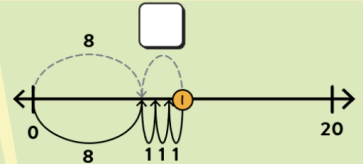
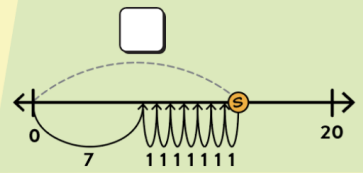
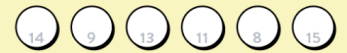


CREATING JUMPS



What's Inside?

What's the best season to jump on a trampoline?



I like the challenging problems in this book because I like the feeling when I figure it out.

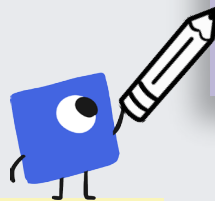
I like problems that are:

- tricky
- easy
- complex
- short
- open-ended
-

because...

The problems remind me of the games in ST Math.

There are many ways to show your thinking.



Circle which operation Jili is using to get to the orange dot on each number line.

÷ × + -

I know this because...

Draw

Model

$$2 + 3 = 5$$

Write



Fill in



Match

3

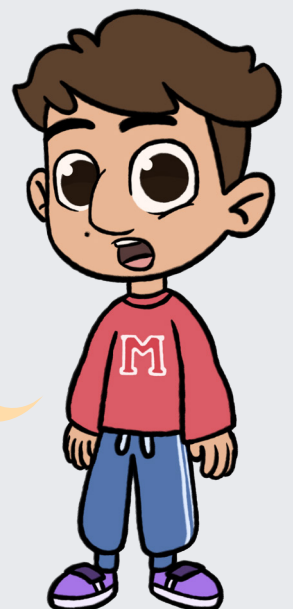
What if I don't know what to do?

Try writing down what you think and then see how your ideas work out.

What if I don't get it correct right away?



Mistakes are okay because you can always come back to it. And mistakes help us learn!



This is **your** math journey, so make this book **yours** - fill it with your ideas, make mistakes, and challenge yourself!



The ST Math Activity Pages may look new to you and your child, and that's great! Every problem is a learning opportunity. Use the Activity Pages to talk and wonder about math with your child.

<i>If...</i>	<i>Then...</i>
You're not sure what to do	Talk through the ideas each of you have and what makes most sense to each of you, then try it out! Problem solving is collaborative.
Your child is stuck	<p>Ask questions to see how they're thinking.</p> <p>Move on to a different problem that interests them.</p> <p>Return to a problem they understand to make connections.</p> <p>Take a break.</p>
ST Math is new to you	Have your child explain how the game works to you.

Remember:

- It's not about getting an answer, but how your child is thinking about a problem. If you can't get to an answer, how much progress can you make towards it?
- Getting the right answer is less important than how you handle and approach being stuck.

Math Themes of 2nd Grade

- Use numbers to 1,000
- Addition and subtraction
- Place value
- Measurement
- Equal groups
- Number lines

Questions you can ask your child

- What is the ST Math game about?
- What do you already know about this problem? Or things you know related to this problem?
- What else do you see on this page that could be a clue?
- What was your strategy on a previous, simpler problem?
- Based on the question, what is a reasonable answer?
- Try out a solution and re-read the problem. Does it make sense?

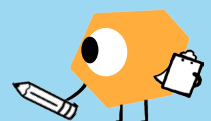


Bring math into your lives

As a family, you can continue to explore and discover math in the world around you.

Play games, read stories, and create projects at mindresearch.org/mathminds

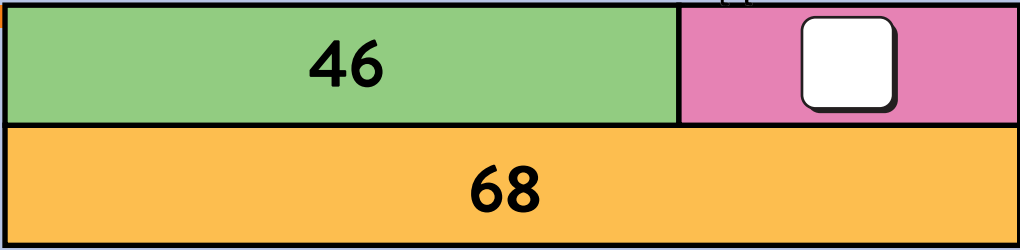
Find more resources for math at home at stmath.com





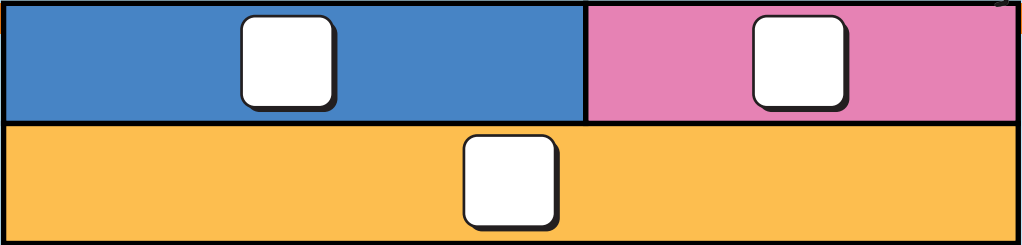
MISSING ADDEND

How much more is needed to make 68 ?



What would this problem look like in the game?

$$30 + \square = 80$$



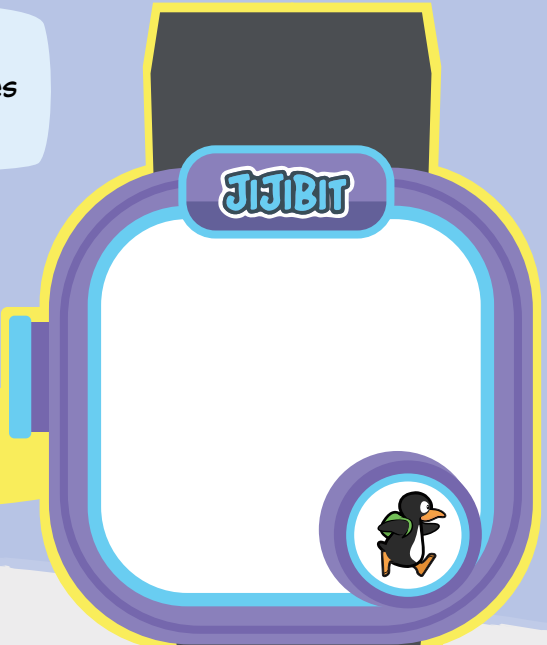
$$40 + \square = 90$$

$$\square + 42 = 72$$

$$95 = 73 + \square$$

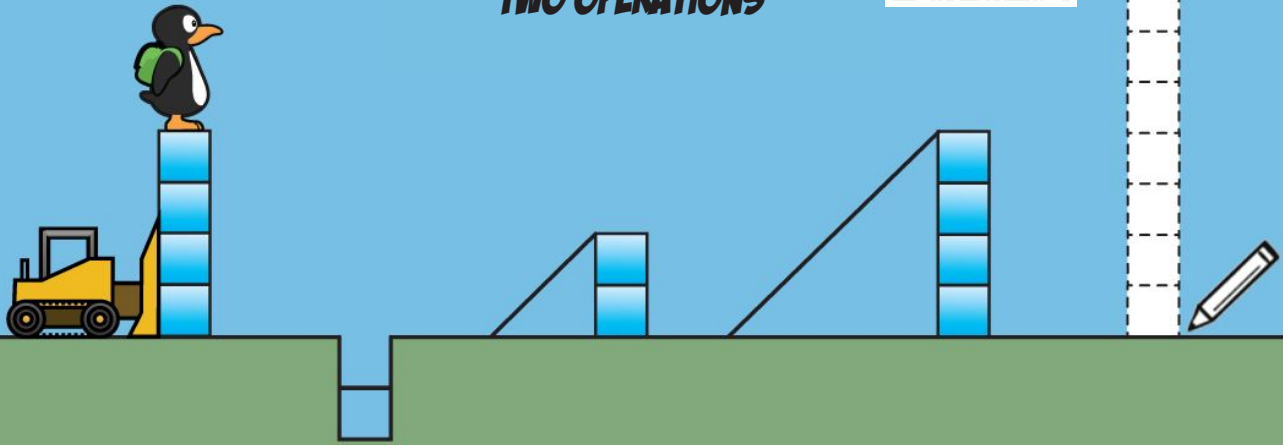
I ran for 25 minutes this weekend!

If I ran for 12 minutes today, how many minutes did I run yesterday?

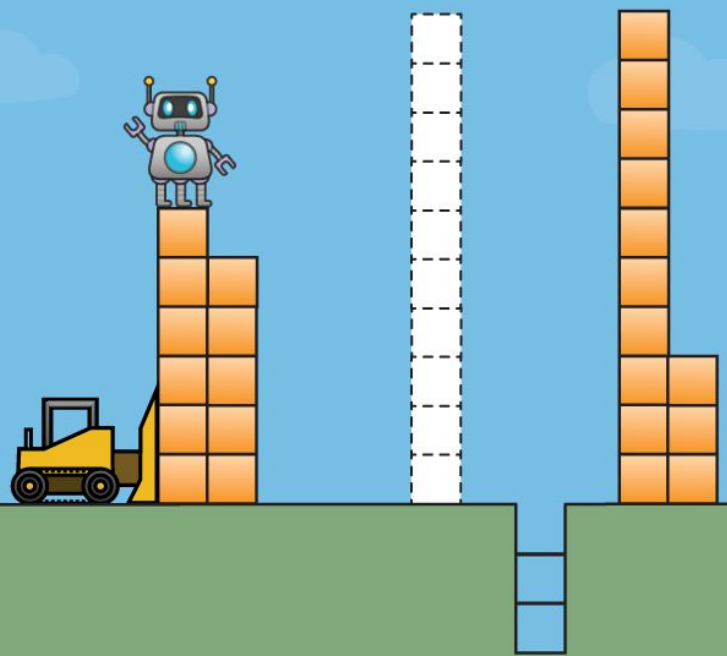


PUSH BOX

TWO OPERATIONS



Angel has 11 stickers. She got 5 more stickers from Arman and then gave 3 stickers to Mateo. How many stickers does she have now?



Oh! The game can help me figure this out!



$$8 + 4 + 7 = \square$$

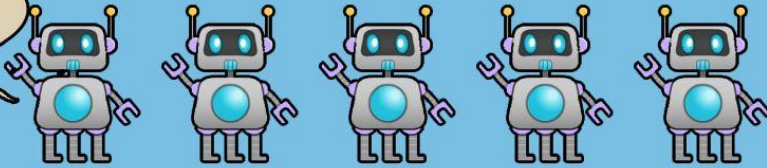
$$\square = 19 - 4 - 3$$

$$10 + \square + 7 = 25$$

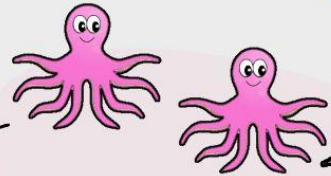
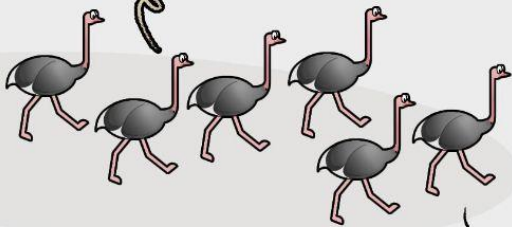
BOUNCING SHOES



Circle how many of us can wear all of these shoes.



It would take **6** *ostriches* to wear these shoes.



Together, we can't wear these shoes because...

How about us?



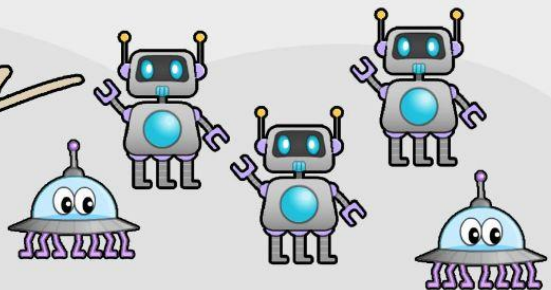
It would take *dogs* to wear these shoes.



It would take *Ants* to wear these shoes.



How many shoes do we need?

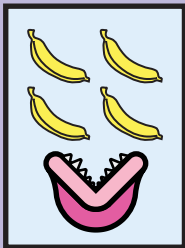
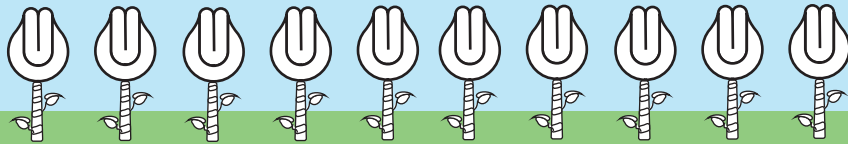
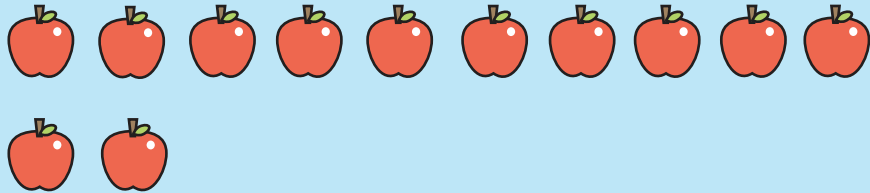
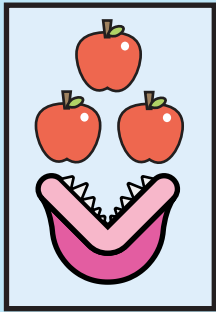
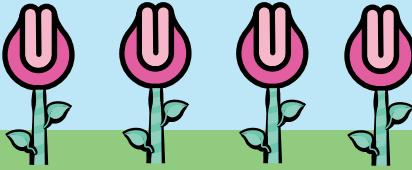
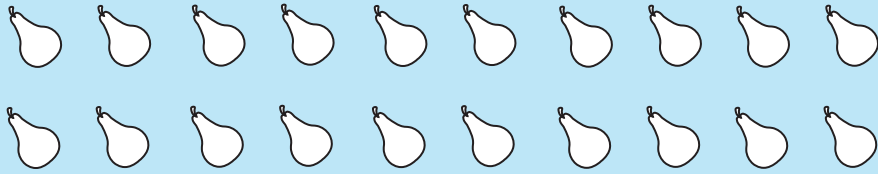
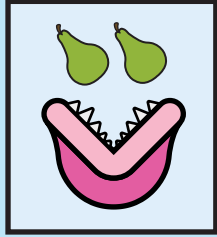




$$5 + 5 + 5 + 5 = \square$$



(shoes)

$$\square + \square + \square + \square + \square = \square$$

(shoes)



 will eat 20 
monsters bananas

4  will eat 
monsters bananas

I have 16 friendship bracelets.
How many friends could I
share them with?

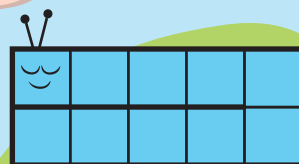
How many bracelets
would each of my
friends get?





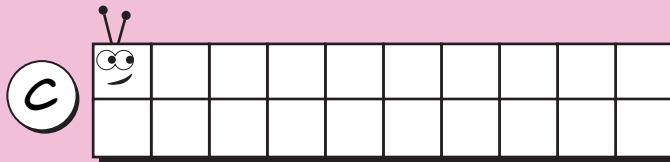
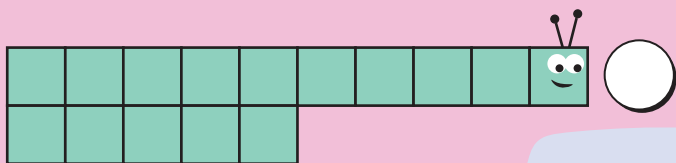
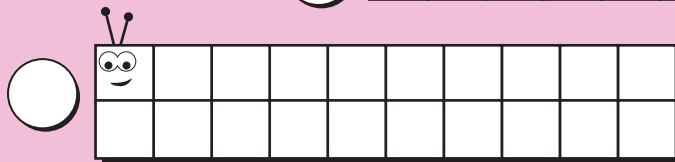
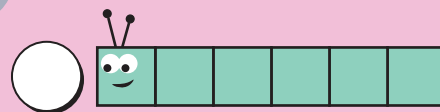
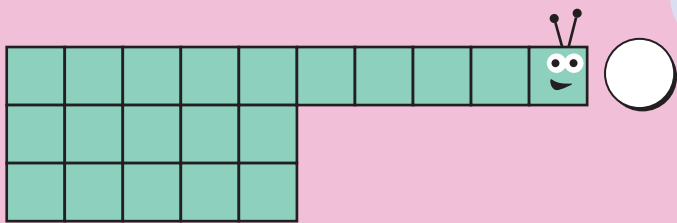
CREATE RECTANGLES

I am made of squares.

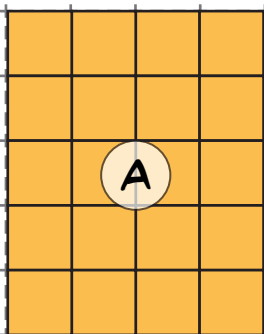
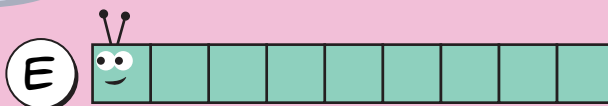
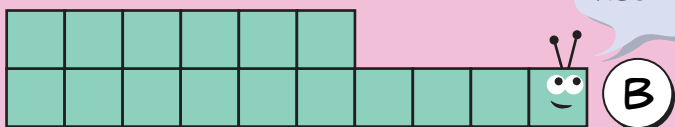


I like to rest in a nest that is a rectangle of the same size.

Which nest belongs to each of us?

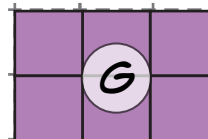
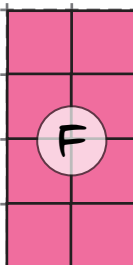
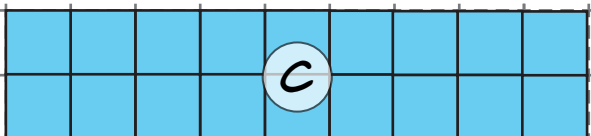
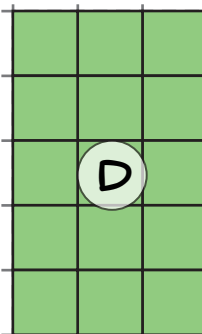


What could my nest look like?



B

E



Altogether, our nests cover squares.