

Whose book is this?



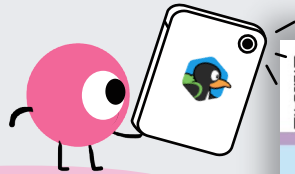
ST Math Activity Pages

1st 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.



What's Inside?

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

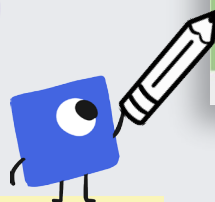
I like problems that are:

- | | |
|-------------------------------------|--------------------------------|
| <input type="checkbox"/> tricky | <input type="checkbox"/> easy |
| <input type="checkbox"/> complex | <input type="checkbox"/> short |
| <input type="checkbox"/> open-ended | <input type="checkbox"/> |

because...

The problems remind me of the games in ST Math.

There are many ways to show your thinking.



QR Code

Push Box

$4 + \square = 9$

$6 + \square = 12$

$4 - \square = 1$

$8 + \square = 11$

$2 + \square = \square$

$11 - \square = 5$

Draw



Model

$$2 + 3 = 5$$

Match



Fill in



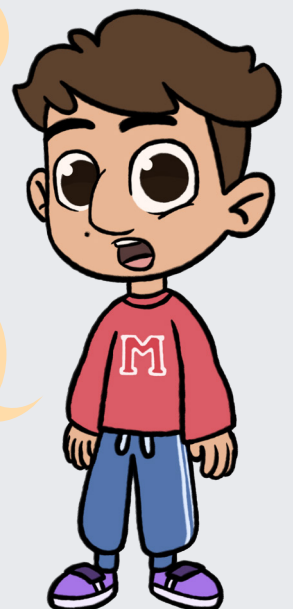
Write

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.

If...	Then...
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	Ask questions to see how they're thinking. Move on to a different problem that interests them. Return to a problem they understand to make connections. Take a break.
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 1st Grade

- Counting to 120
- Groups of tens and ones
- Put together and break apart shapes
- Add and subtract and what it means to be equal
- Comparing numbers

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?

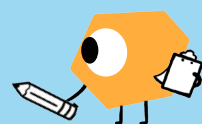


Bring math into your lives

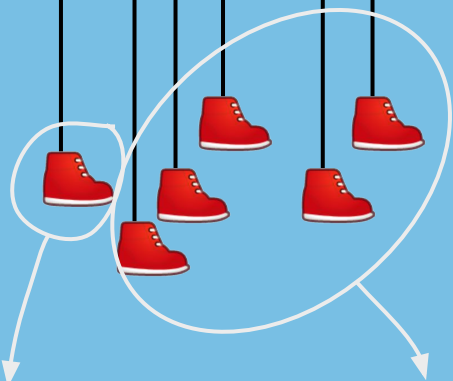
As a family, you can continue to explore and discover math in the world around you.

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

Find more resources for math at home at stmath.com




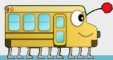

Bouncing Shoes




9 



Show more ways you can make 10.

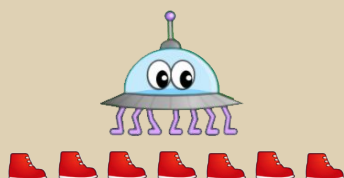




 + = 10 

+ = 10

+ = 10

How many ways can you make 7?





Pie Addition

3 + 2 =

4 + = 6

5 + 4 =

3 + =

+ =

I baked 6 cupcakes for the bake sale.

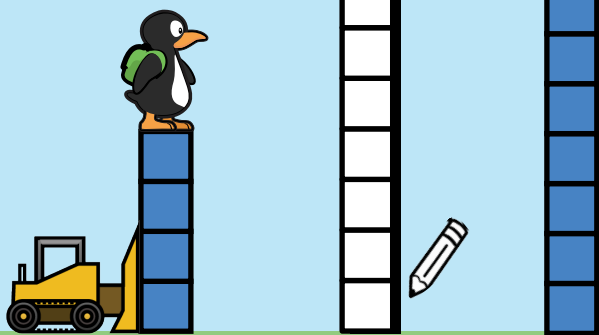
I made cupcakes.

Great, now we have 10 cupcakes.

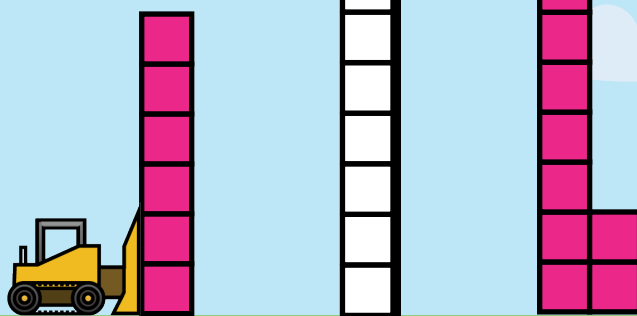




Push Box

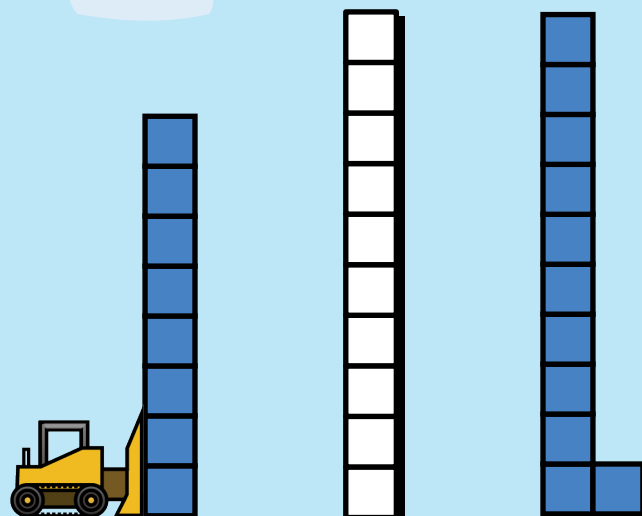
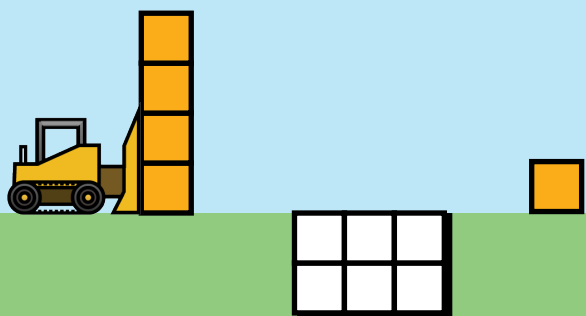


$$4 + \square = 9$$

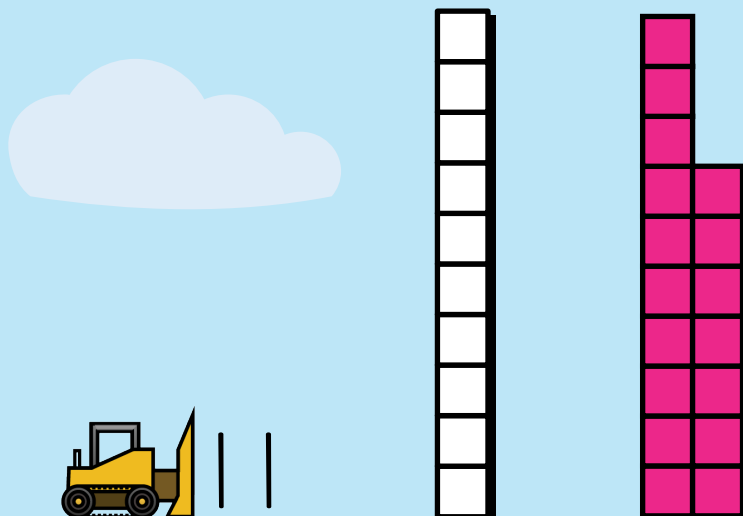


$$6 + \square = 12$$

$$4 - \square = 1$$

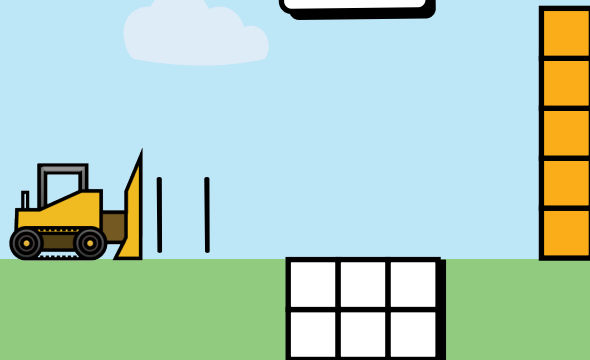


$$8 + \square = 11$$

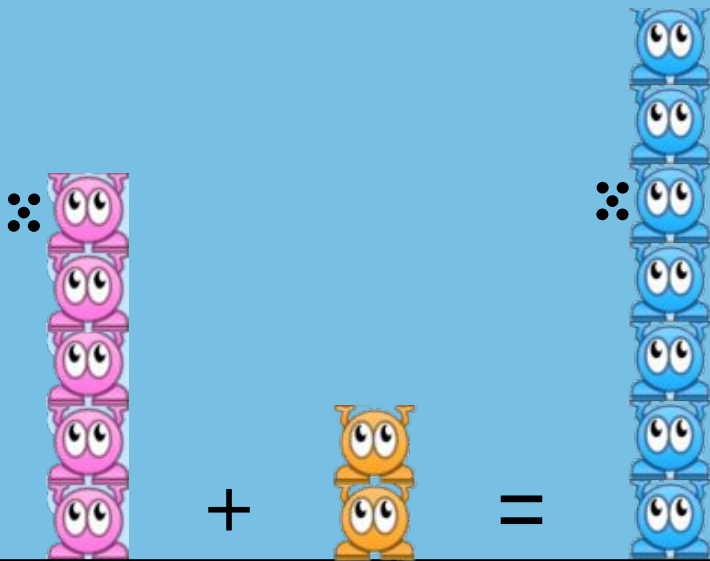


$$2 + \square = \square$$

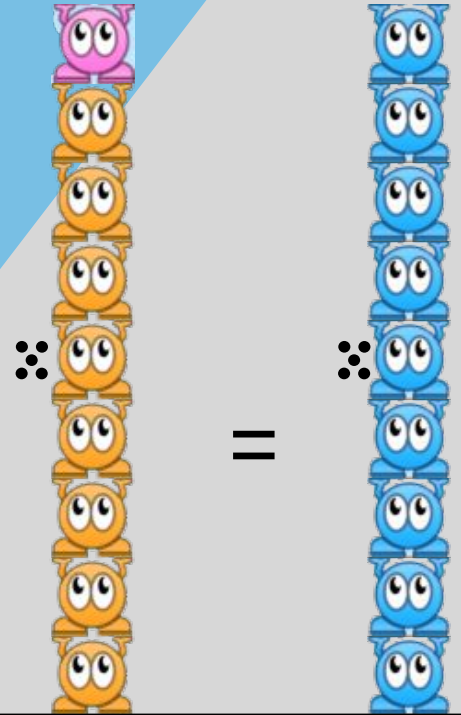
$$11 - \square = 5$$



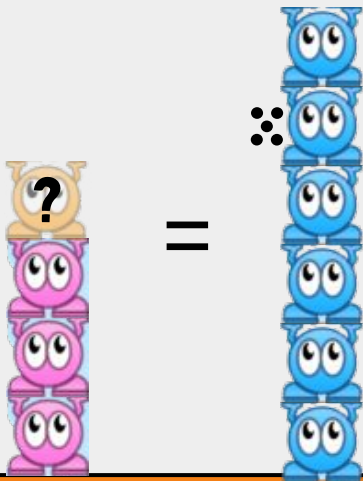
Critter Addition



$$5 + 2 = \square$$



$$\square + 8 = 9$$



$$3 + \square = 6$$

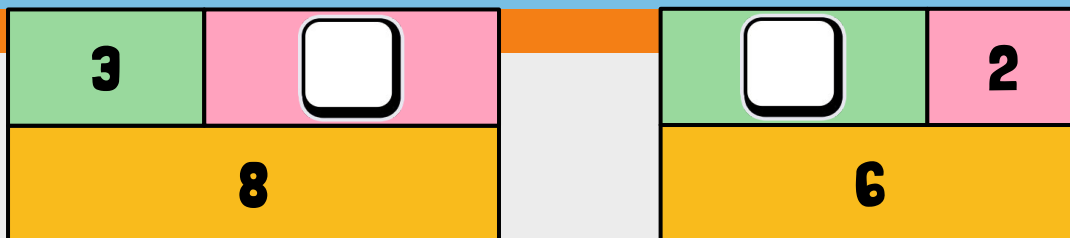
How can critters help you solve addition problems?

$$\square + 5 = 10$$

$$10 + \square = 18$$

$$\square + 15 = 20$$

Missing Addend



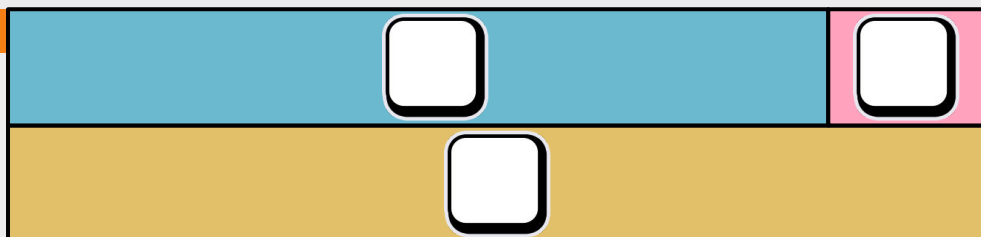
$$3 + \square = 8$$

$$\square + 2 = 6$$



What does this problem look like in the game?

$$9 + \square = 10$$



$$10 + \square = 12$$

$$8 + \square = 12$$

$$\square + 4 = 12$$

I want to run for 15 minutes. I already ran for 5 minutes. How many more minutes do I need to run?

