

Welcome to the ST Math Activity Pages!

These activity pages are 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.



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

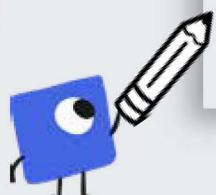
I like problems that are:

- tricky easy
- complex short
- open-ended

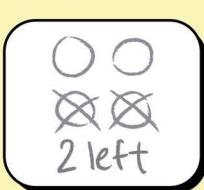
because...

The problems remind me of the games in ST Math.

There are many ways to show your thinking.



Draw



Model

$$2 + 3 = 5$$

Match



Fill in

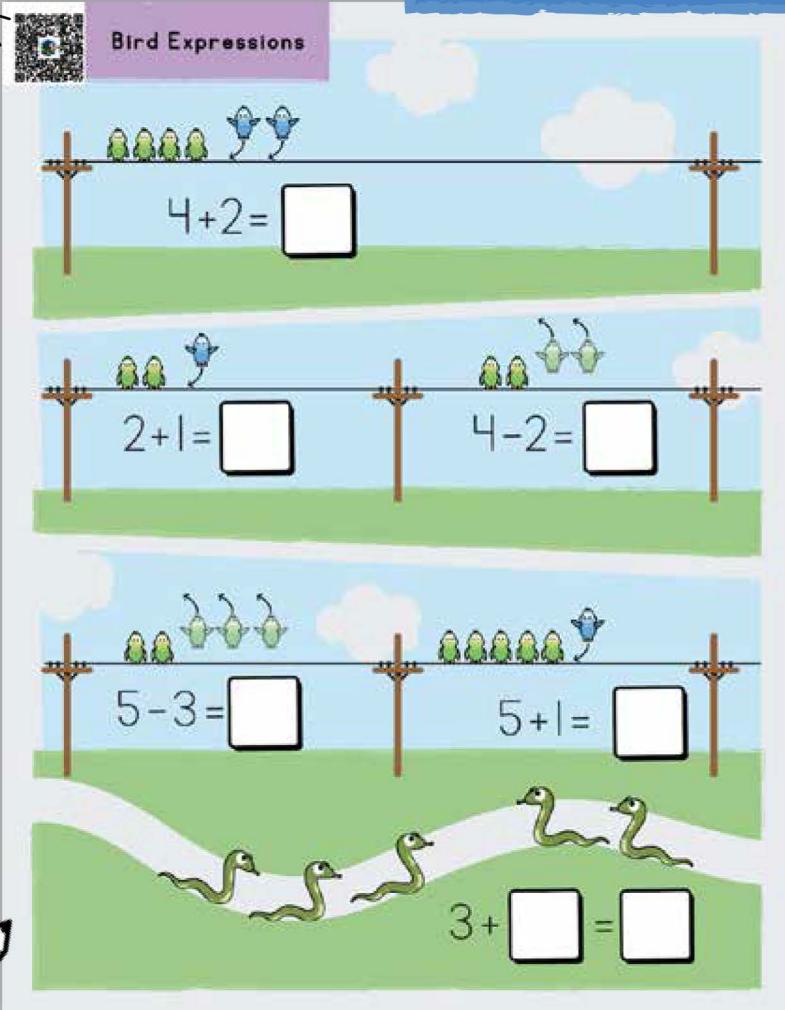


Write

This is your math journey, so make these pages **yours** – fill them with **your** ideas, make mistakes, and challenge yourself!



What's Inside?



What if I don't know what to do?

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



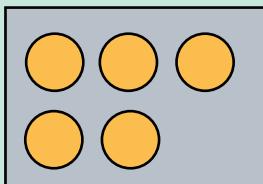
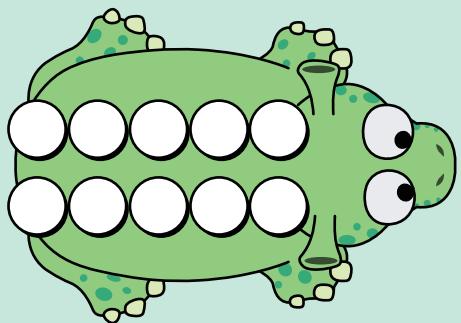
What if I don't get it correct right away?

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

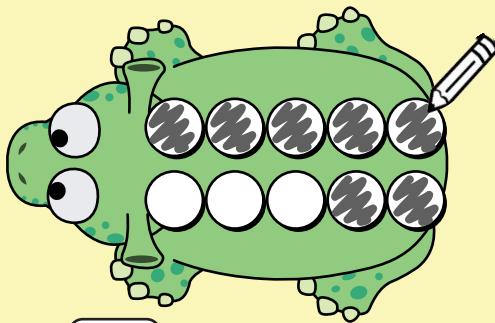
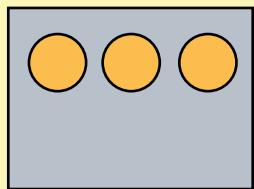




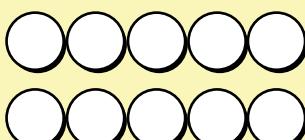
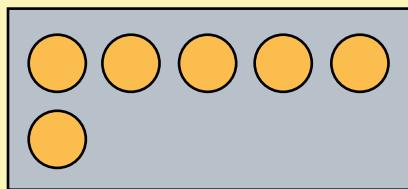
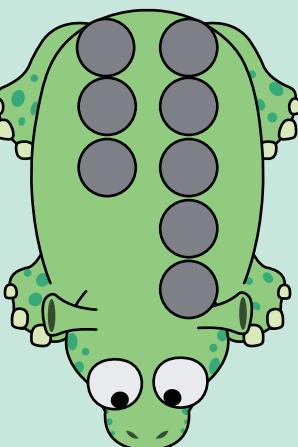
PIE ADDITION



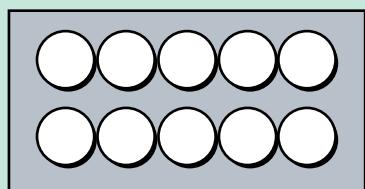
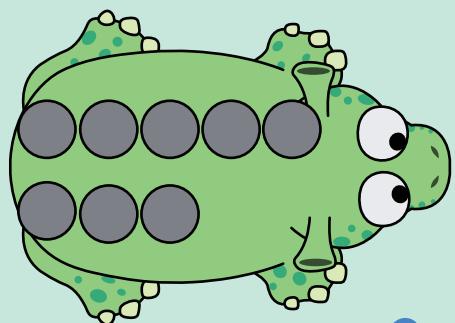
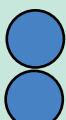
$$5 + 4 = \boxed{}$$



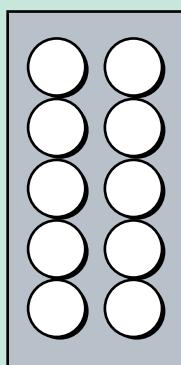
$$3 + 4 = \boxed{}$$



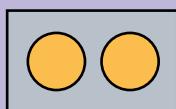
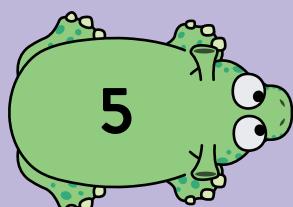
$$6 + \boxed{} = 9$$



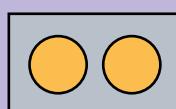
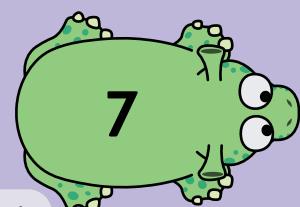
$$3 + \boxed{} = \boxed{}$$



$$\boxed{} + 2 = 8$$



This pie monster needs more.

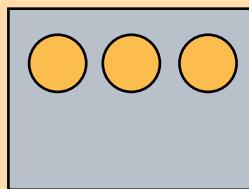
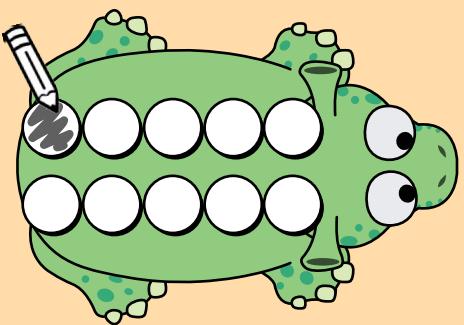


This one needs more.

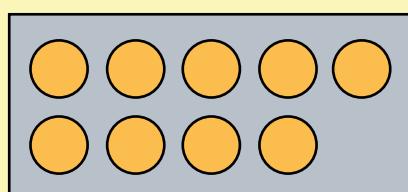
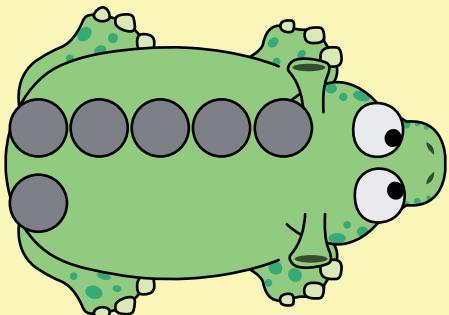


How many more pies did you need for the bottom pie monster than the top one?

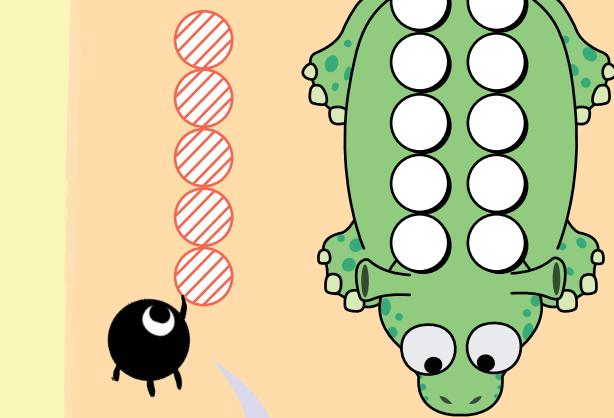
MONSTER SUBTRACTION



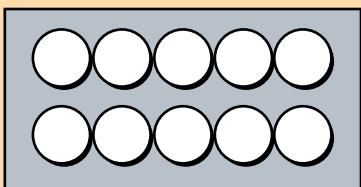
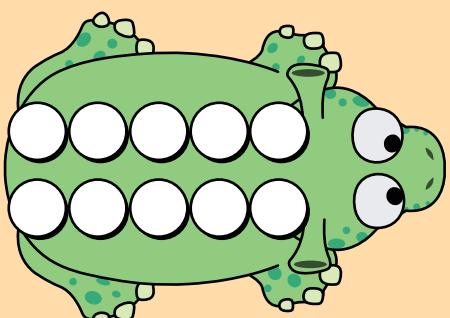
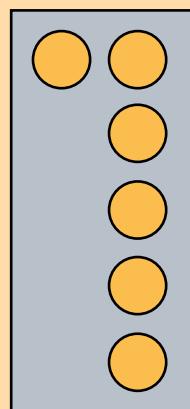
$$\text{---} \quad 3 - 2 = \boxed{}$$



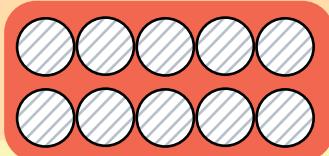
$$9 - \boxed{} = 6$$



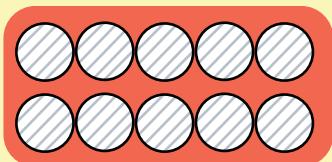
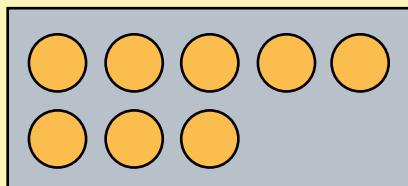
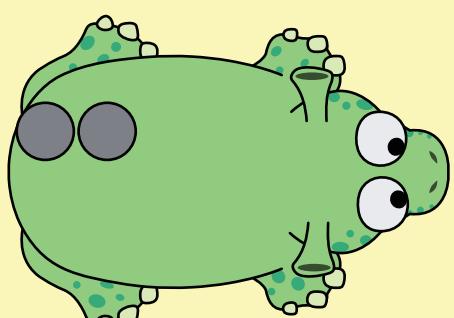
These are subtraction pies. How does that change what I do here?



$$10 - 5 = \boxed{}$$

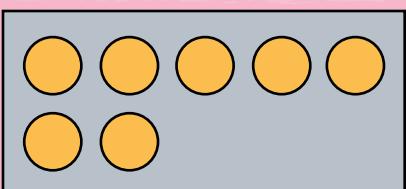


$$\boxed{} - \boxed{} = \boxed{}$$

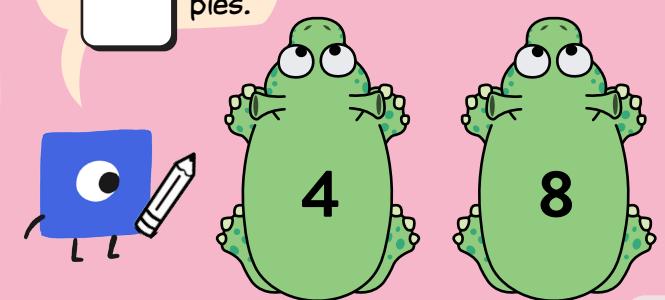


$$\boxed{} - \boxed{} = \boxed{}$$

Circle the pie monster that matches these pies.



The other pie monster would need to start with
 pies.





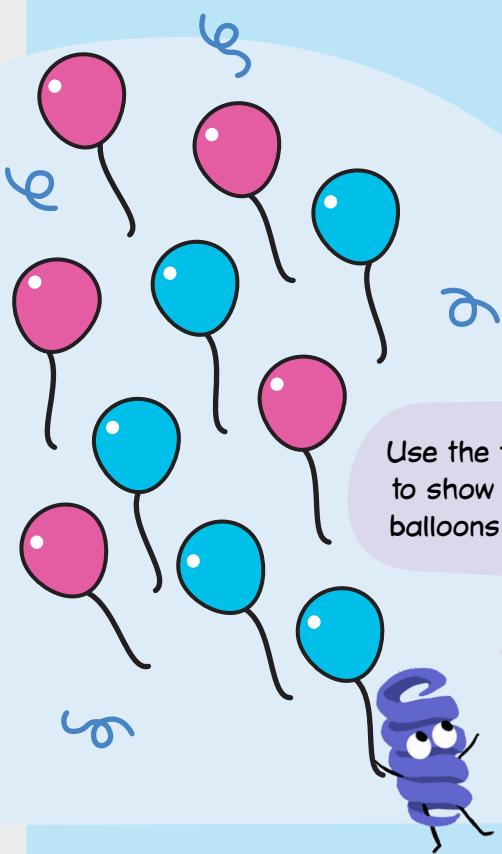
TEN FRAME ADDITION

$$\begin{array}{|c|c|c|} \hline & & \\ \hline \end{array} + \begin{array}{|c|c|c|} \hline \text{●} & & \\ \hline \text{●} & & \\ \hline \text{●} & & \\ \hline \text{●} & \text{●} & \\ \hline \text{●} & & \\ \hline \text{●} & & \\ \hline \end{array}$$

A 4x2 grid divided into 8 equal squares. The first column contains three yellow circles, and the second column is empty. To the right of the grid is a large black plus sign (+).

$$\begin{array}{|c|c|c|c|c|} \hline & & & & \\ \hline & & & & \\ \hline \end{array} + \begin{array}{|c|c|c|c|c|} \hline \textcolor{blue}{\bigcirc} & \textcolor{blue}{\bigcirc} & \textcolor{blue}{\bigcirc} & & \\ \hline \textcolor{white}{\bigcirc} & & & & \\ \hline \end{array} = 7$$

A math addition problem using a 5x2 grid. The top grid has 4 empty cells and 1 cell with a red circle. The bottom grid has 5 empty cells and 4 cells with red circles. A plus sign is between the two grids.



Use the ten frames to show how many balloons there are.

A 2x5 grid of 10 empty boxes for drawing.

2 + 4 = 6

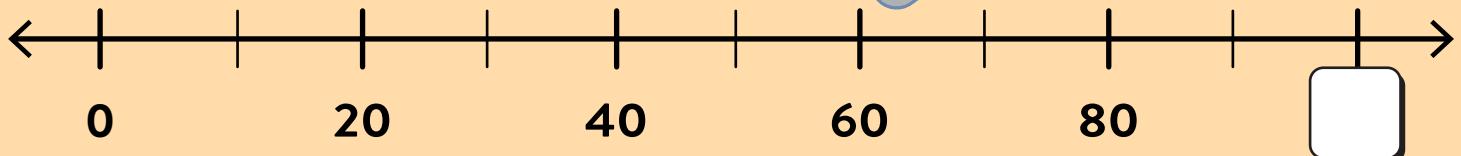
A 5x2 grid for addition. The first grid has 3 pink circles in the second column. The second grid has 2 pink circles in the second column. A plus sign is between the grids, and an empty box is to the right for the answer.

$$\begin{array}{|c|c|c|c|c|c|} \hline & & & & & \\ \hline \end{array} + \begin{array}{|c|c|c|c|c|c|} \hline & & & & & \\ \hline \end{array} = 10$$

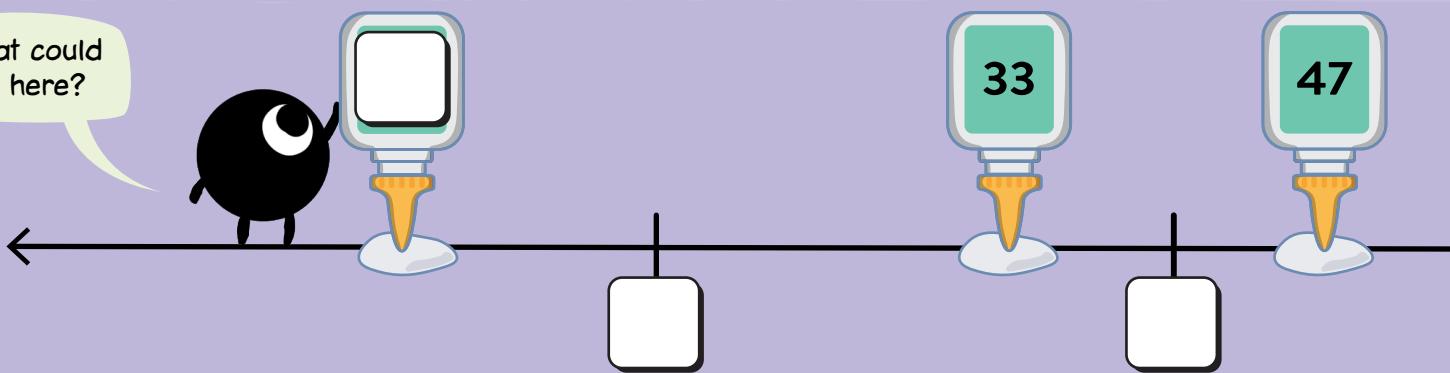


NUMBER LINE TO 100

Put a glue spot on your favorite number.



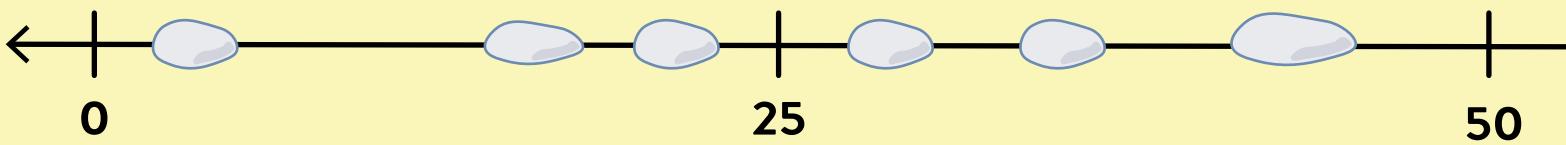
What could go here?



28

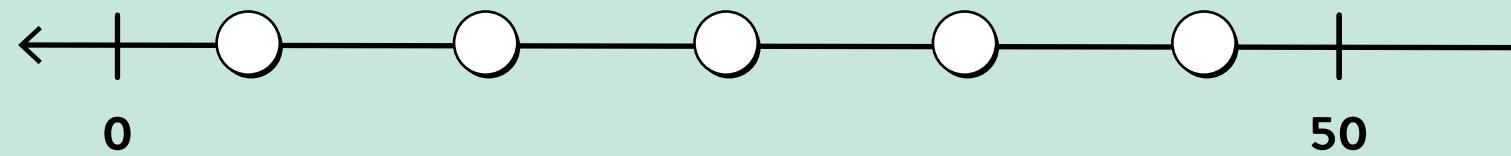
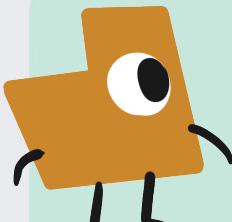
20

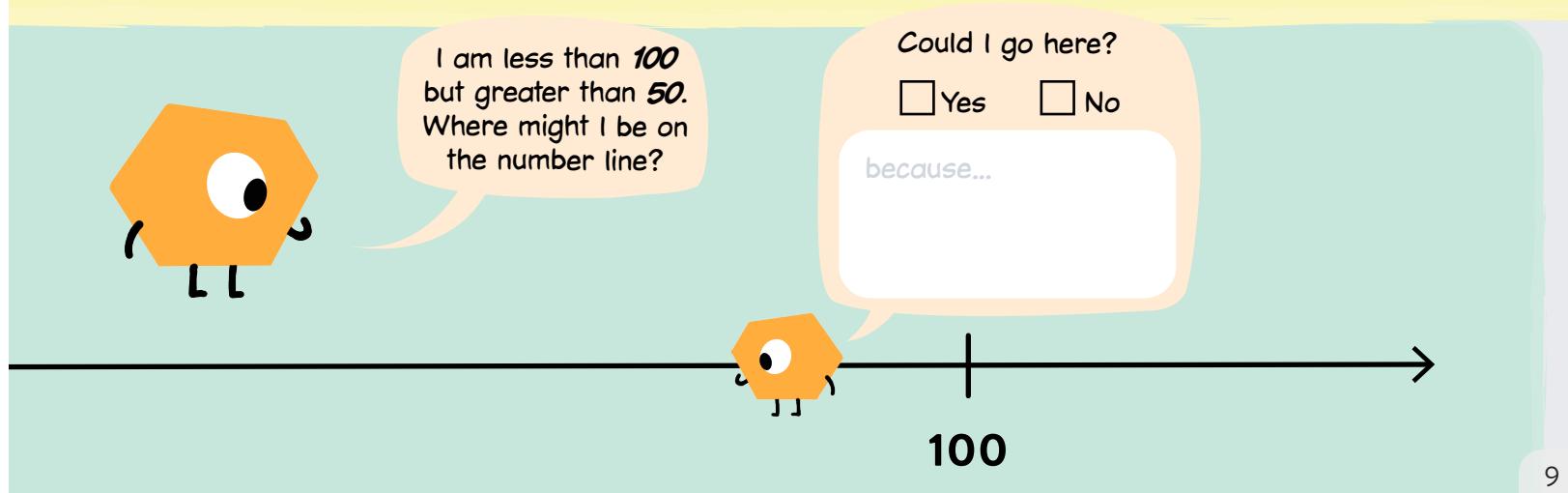
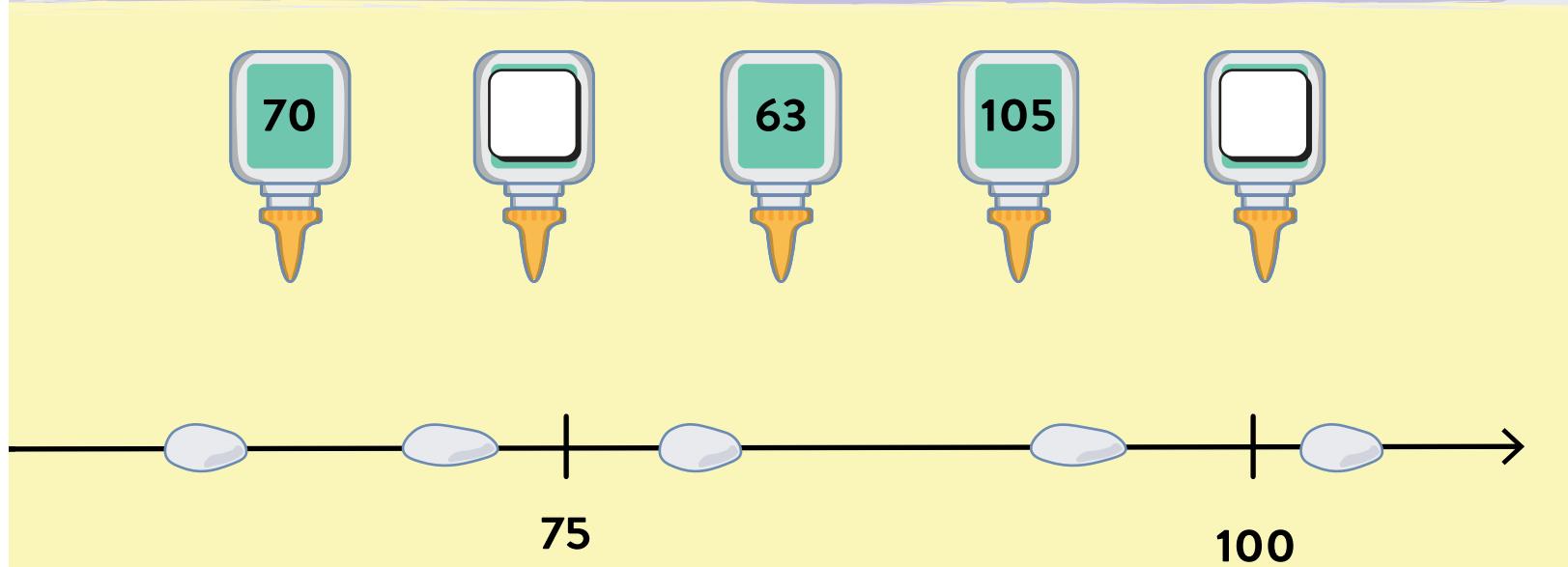
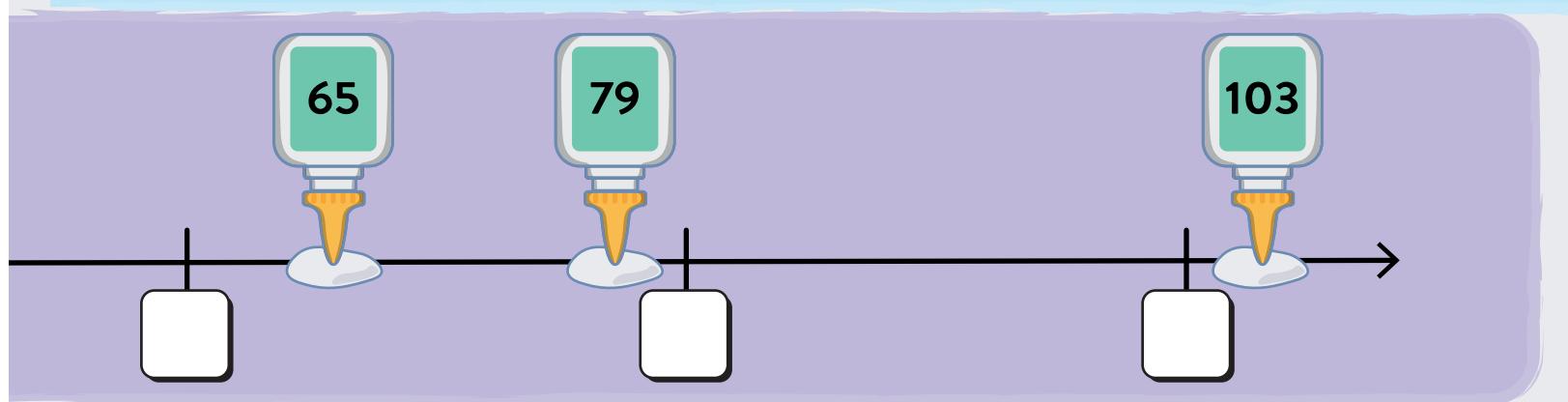
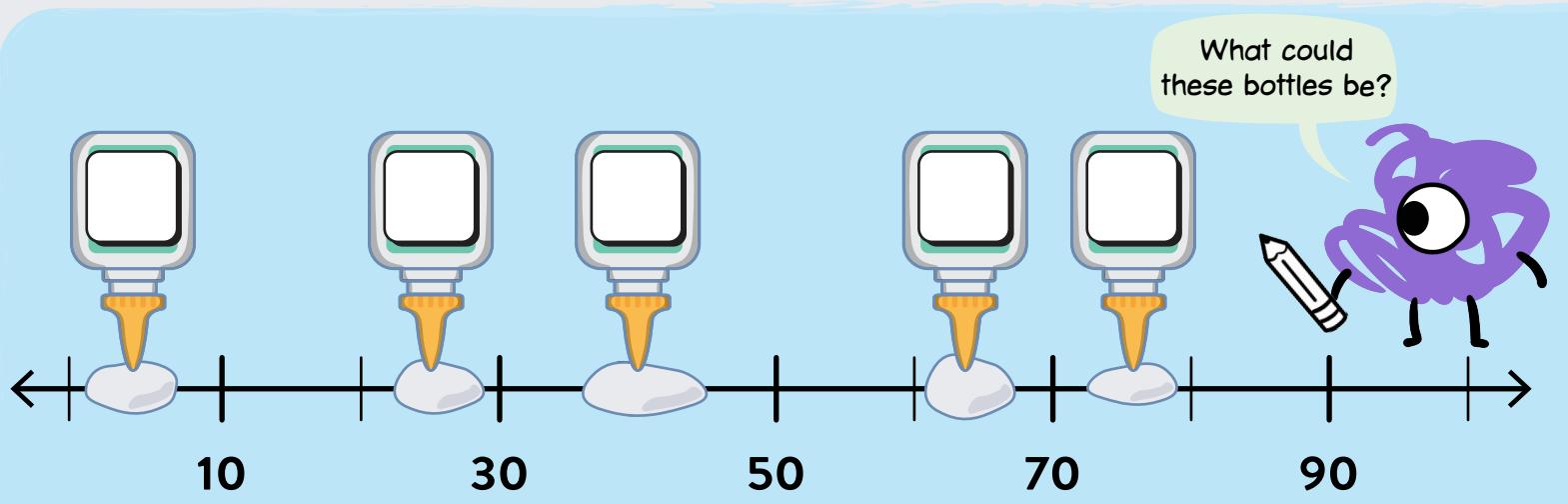
41



I am in the middle of 0 and 50. Which spot shows where I could go?

What number could I be?





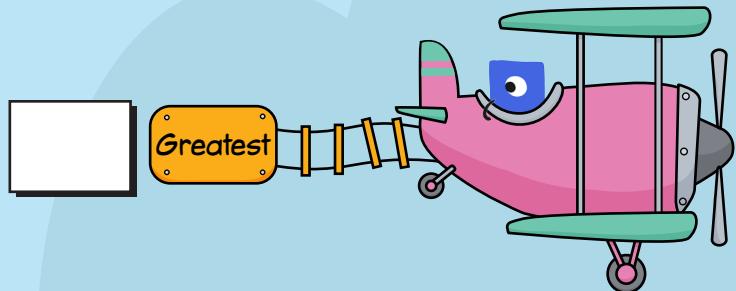
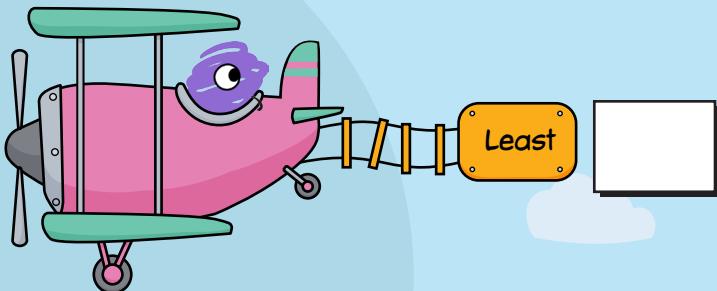


LEAST MOST

Which of these numbers is the *least*?

And *greatest*?

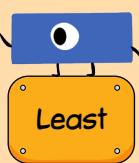
489 418 490 407 477



400 200 500

I'll circle each number that is the *least*.

700 759 760 710



I'll squiggle under each number that is the *greatest*.

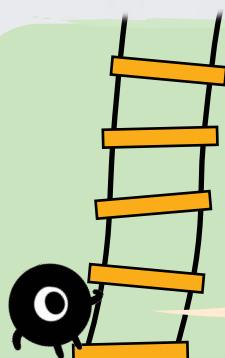
503 603 103

800 842

143 199 98

292 929

543 123 45 321



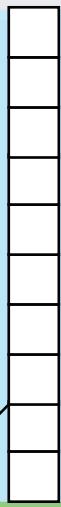
I think these go from least to greatest because the *ones place* goes "1, 2, 3, 4, 5"

571 532 583 544 565

I think the correct order is:

because...

PUSH BOX MISSING QUANTITY



$$\boxed{\quad} - \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$

$$3 + \boxed{\quad} + 4 = 14$$

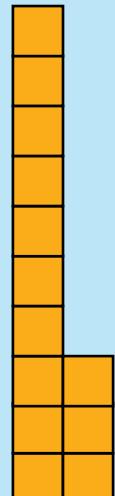
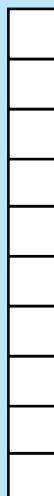
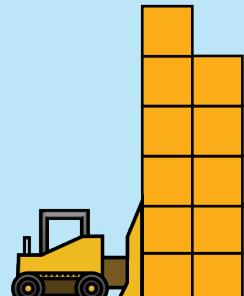
$$\boxed{\quad} + 8 - 9 = 1$$

$$\boxed{\quad} - 6 + 6 = 10$$

$$8 + 4 + 7 = \boxed{\quad}$$

$$\boxed{\quad} = 19 - 4 - 3$$

$$10 + \boxed{\quad} + 7 = 25$$



$$\boxed{\quad} \cdot \boxed{\quad} \cdot \boxed{\quad} = \boxed{\quad}$$



I have **11** stickers. I got **5** more stickers from Arman, then gave **3** stickers to Mateo. How many stickers do I have now?

Oh! The game can help me figure this out!