

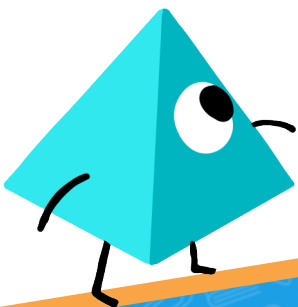


ST Math.
Summer Immersion



PROBLEM SOLVING JOURNAL

This journal belongs to:



Grade 2



My Thinking Path

TOPIC: _____

Starting my math journey...



What are the things I already know about this topic?

What are some questions I have about this topic?



PROBLEM OF THE DAY 1

Create a class “Getting to Know Our Class” chart.



PROBLEM OF THE DAY 2

Describe the class mathematically.



PROBLEM OF THE DAY 3

Yolanda made 48 cookies for a party. Hector made 33 more. How many cookies do they have altogether?



PROBLEM OF THE DAY 4

Valerie had 67 beads. She used some to make a necklace and the others she put in a box. How many could she have used for the necklace and how many could she have put in the box? Explain your answer using pictures or words.



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Exit Ticket

3 math skills I used today:

2 examples of what I learned:

1 strategy I used OR 1 connection I made:



Exit Ticket

1 big idea I learned today was:

today I discovered:



ST Math Puzzle Reflection 1

Game:

__ Minutes played __ Puzzles played

Write or draw something you learned today.

Write or draw something that was easy/hard.

This connects to what I learned in class.



ST Math Puzzle Reflection 2

Game:

__ Minutes played __ Puzzles played

Describe the math you learned.

Give a math example of the math you learned.

Write math vocabulary words you used.



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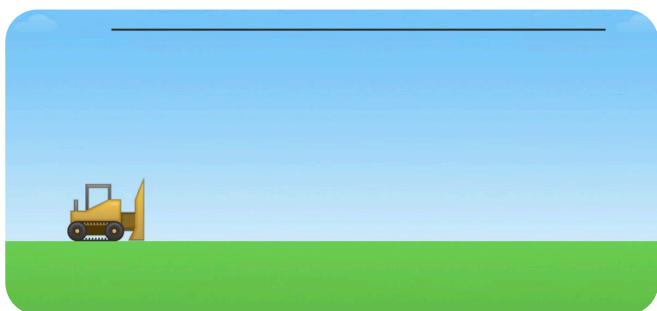
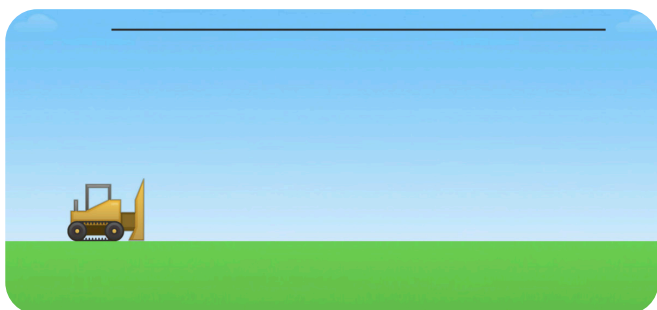
PROBLEM OF THE DAY 1

Kayla is selling 45 brownies to raise money for a trip. She sold 8 brownies on Monday. On Tuesday, she sold 16 brownies. How many brownies does she have left? Write or draw a picture to show how you got your answer.



PROBLEM OF THE DAY 2

Create two examples of a new JiJi puzzle Each example must have 2 steps like the puzzles you did earlier and result in an answer of 18. Write your equation on the line. Then compare the two puzzles. How are they alike? How are they different?





PROBLEM OF THE DAY 3

Devin has some cards in his collection. Joe gave him 16 cards and Mark gave him 27 cards. He has 92 cards total. How many cards did he start with? Use words or pictures to explain how you found your answer.



PROBLEM OF THE DAY 4

Brittany bought a box of cards. The box had 30 cards inside. Brittany wanted to give a card to all 17 girls on her soccer team. She also wanted to give each of her 6 friends a card. Brittany's mom needs 8 cards for her family. Brittany says there will be enough cards for her mom to use. Is she correct? Write or draw a picture to explain your answer.



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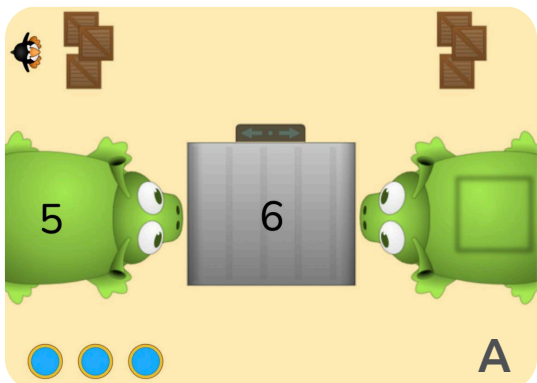


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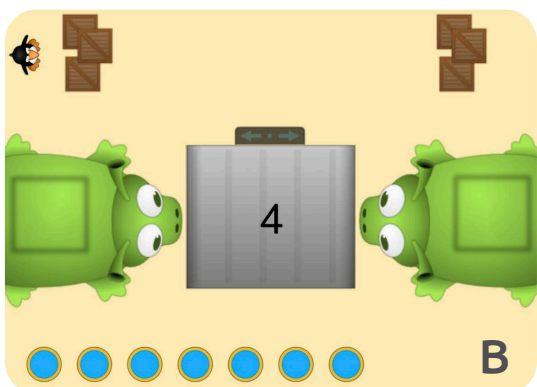
You have 15 pieces of gum. You gave some away on Monday and you gave some away on Tuesday. You now have 6. Draw a picture to show a possible solution to this problem. Explain how you found the answer.



PROBLEM OF THE DAY 2



Fill in the blank square to solve the JiJi puzzle. Explain how you solved the puzzle.



Fill in the blank square to solve the JiJi puzzle. Explain how you solved the puzzle.



PROBLEM OF THE DAY 3

Lacey had a collection of dolls. Her mom was making shoes for each of her doll's feet. If her mom made 12 shoes, how many dolls does Lacey have?



PROBLEM OF THE DAY 4

Zach has 18 pencils and 3 pencil boxes. He is putting an equal number of pencils in each box. How many pencils will he put in each box? Write or draw a picture to explain your answer.



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PROBLEM OF THE DAY 1

Landon has 5 cars. Timothy has 3 cars. Paul has 7 cars. The boys wanted to each have the same number of cars. In the space, below draw a picture to show how many cars each boy should have.



PROBLEM OF THE DAY 2

Raven had 4 packs of markers. Each pack had 3 markers. How many markers does Raven have altogether? Draw a picture to show how you found your answer. If she received 2 more packs of markers, how many markers will she have? Draw another picture to show how you found your answer.



PROBLEM OF THE DAY 3

Mariana was arranging 24 cupcakes on a plate. Draw an array to represent one way Mariana could have arranged the cupcakes. Write an equation using repeated addition to represent your array.



PROBLEM OF THE DAY 4

Yesterday, Mariana moved 24 cupcakes from the plate onto a tray. She arranged the cupcakes differently. Draw a different array and write an equation to represent your thinking. Compare the two arrays you drew. How are they alike? How are they different?



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PROBLEM OF THE DAY 1

A garden is pictured below. Using addition, create two equations that represent the garden.



PROBLEM OF THE DAY 2

A farmer planted 20 stalks of corn in a rectangular field. He had the same number of corn stalks in each row. Draw a picture to show two ways the farmer could have planted the corn. Explain how you came up with your pictures.



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888.751.5443
info@stmath.com
stmath.com

