

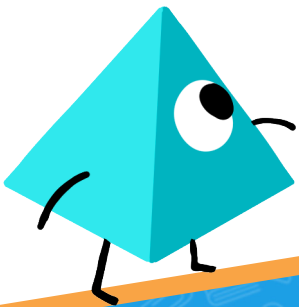


ST Math.
Summer Immersion



PROBLEM SOLVING JOURNAL

This journal belongs to:



Grade 4



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

Jana and Deklan each brought the same size pan of brownies for the class party. Jana cut her brownie into 4 equal size pieces. Deklan cut his brownie into 3 equal sized pieces. They needed to give 24 students the same size piece. How could they do this with their two pans of brownies?



PROBLEM OF THE DAY 2

Howard and Imani were in charge of dividing the clay for their table in art class. Each table had 4 students. Howard divided the clay into 4 equal sized pieces. Imani divided the clay into 8 equal sized pieces. Both tables fair shared all of their clay. Compare and contrast the clay students at each table received.



PROBLEM OF THE DAY 3

Draw a number line. Place the following fractions $\frac{3}{6}$, $\frac{7}{8}$, $\frac{11}{12}$, $\frac{8}{6}$, $\frac{1}{8}$, $\frac{3}{4}$, $\frac{25}{12}$, $\frac{6}{3}$, $\frac{6}{12}$, $\frac{6}{5}$, $\frac{3}{5}$, and $\frac{14}{8}$ on the number line. Select three of the fractions you placed on the number line and explain how you determined where to place these fractions. Challenge yourself.



PROBLEM OF THE DAY 4

Isabella baked a pan of lasagna for her family of 4. She cut the lasagna into eight equal pieces. Explain how much lasagna each family member might eat. Write equations/inequalities to compare how much each family member ate. Find at least 3 different ways the family could share the lasagna.



My Thinking Path

TOPIC: _____

Reflecting on my math journey...



What new things did I learn? Did this experience make me think of anything differently?

What challenges am I having/questions I still have about this topic?

Exit Ticket



3 math skills I used today:

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2 examples of what I learned:

Blank white rounded rectangular box for writing examples of what was learned.

1 strategy I used OR 1 connection I made:

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Exit Ticket



1 big idea I learned today was:

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today I discovered:

Blank white rounded rectangular box for writing what was discovered today.



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.