

When studying mathematics, use what you have learned before to solve new problems.

Keep a good record of your learning in your notes so that you can always look back.



In your notebook, record:

- Date
- <Problem>
- <My Idea>
- <Friends' Ideas>
- <Summary>
- <Reflection> etc.

Write down friends' ideas that you thought were good or that may be useful in the future.

As <Reflection> record:

- What you've come to understand
- What you noticed
- What you want to examine next
- What you thought as you listened to your friends' ideas etc.

November 18

<Problem>
Determine the area of the shape on the right.

<My Idea>

$2 \times 3 + 2 \times 3 = 18$
Answer 18 cm^2

I solved it by splitting the shape into 2 rectangles.

<Friend's Idea> **Takumi**

$4 \times 6 - 2 \times 3 = 18$
Answer 18 cm^2

From a large rectangle, he subtracted a small rectangle.

<Summary>
I learned that we can determine the area of a shape like by making use of rectangles and squares.



<Reflection>
I learned that by splitting the shape into rectangles, it is easy to determine the area of a shape like .

Think about ways to improve your notes

I don't erase an incorrect answer. Instead I write the correct answer and where I made the mistakes.



$$4 \times 6 - 2 \times 3 = 18$$

mistake \rightarrow ~~16~~ 18

$$2 \times 3 + 2 \times 6 = 18$$

I used the formula we learned about on November 18th to find the area of a rectangle.



When we use an idea that we learned before, I write down the date of that lesson from My Math Note.

I write down things I thought about or points to be careful about in a balloon.



Check where the vertical and horizontal sides of a rectangle are before writing a math sentence.



See what your friends wrote in their Reflection.



<Reflection>
Everyone used 2 rectangles to find the area. Using what we studied today, I want to try lots of different problems.



<Reflection>
I was impressed because Takumi thought about subtracting a small rectangle from a large one. I want to be able to think like that too.