

Try keeping mathematics notes! Write down what you thought and how you tried to solve problems.



| How many chocolat | es are in a box | |
|---|-------------------|-----|
| altogether? Think a | | |
| different ways to fir | | |
| | | |
| <my idea=""> ①</my> | | |
| | 3 x 2 = 6 | |
| | $6 \times 3 = 18$ | |
| COUTO | 6 + 18 = 24 | |
| | Answer 24 chocola | |
| $(\mathbf{O}\mathbf{O}\mathbf{O}\mathbf{O}\mathbf{O}\mathbf{O}\mathbf{O}\mathbf{O}\mathbf{O}\mathbf{O}$ | | |
| <my idea=""> (2)</my> | | |
| | 6 x 5 = 30 | |
| | $3 \times 2 = 6$ | |
| | 30 - 6 = 24 | |
| 00000 | Answer 24 chocola | tes |
| | | |
| | | |
| <reflection></reflection> | | |

In your notebook, record:

- Date
- Problem>
- <My Idea>
- <Reflection>

As <Reflection> record:

- What you came to understand
- Important points

When you make a mistake, do not erase the mistake with your eraser. Cross out and write the correct answer next to it.



| Michael | |
|--|-----|
| 6 x 3 = 16 18 | |
| 6 + 16 = 22 6 + 18 = 2 ^L | |
| Answer 22 chocolates 24 chocola | tes |

Grade 2B





When studying mathematics, use what you learned before. Keep a good record of your learning in γοι



| Ir | n your | |
|----|---------------------|--------|
| n | otebook, record: | |
| • | Date | |
| • | <problem></problem> | \geq |
| _ | (My Idea) | |

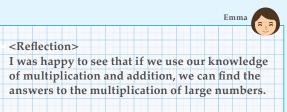
- <My Idea> • <Friend's Idea>
- Summary>
- <Reflection>

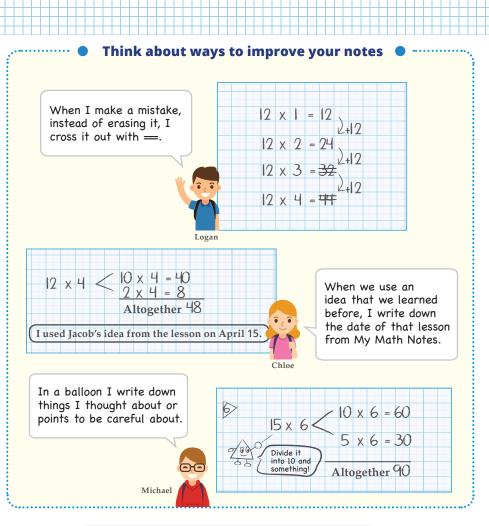
Write down friends' ideas that you thought were good.

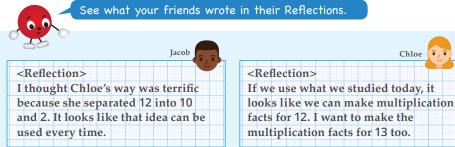
As <Reflection> record:

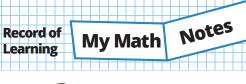
- What you came to understand
- What you want to examine next
- What you thought as you listened to your friends' ideas

| A | | | | | | | | | |
|---------------------------------|-------|------|------|------|---------|------|------|-----|----|
| April 18 <problem></problem> | | | | | | | | | |
| | | | 1 | | | | | | |
| Let's find out man | y ai | пer | ent | wa | iysı | to a | nsv | vei | |
| 12x4. | | _ | | | | | | | |
| <my idea=""></my> | | | | | | | | | |
| | | | | | | | | | |
| | 12 | + | 12 | 1 | 12 | 1 | 12 | - | 48 |
| | 12 | т | 12 | т | 12 | т | 12 | - | K |
| | | | | | | | | | |
| | | | | Aı | ารพ | er | ЦЯ | | - |
| | | | | | 10 11 | CI | 10 | | - |
| | | | | | | | | | |
| <friend's idea=""></friend's> | | | | | | | | | |
| Chloe) | 12 | . / | 4< | / | 10 | Х | 4 | | 40 |
| | 12 | Х | 4< | < | 10 2 | Х | 4 | = | 8 |
| | | | | | A11 | | | | 48 |
| | | | | | | | | | |
| <summary> —</summary> | | _ | | | | | | | - |
| We can also find t | he ai | nsw | vers | fo | r so | me | thi | ng | |
| like 12x4, if we us | se th | e m | ult | ipli | icat | ion | fac | ts | |
| from 1 to 9 for the | e mu | ltip | olic | atio | on f | act | s of | 10 |). |











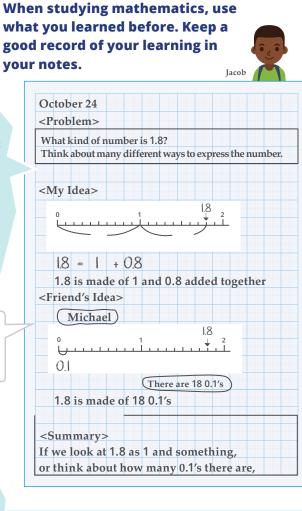
In your notebook, record:

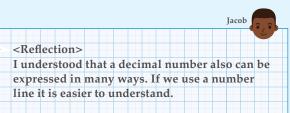
- Date
- <Problem>
- </l>
 <My Idea>
- <Friend's Idea>
- Summarv>
- <Reflection>

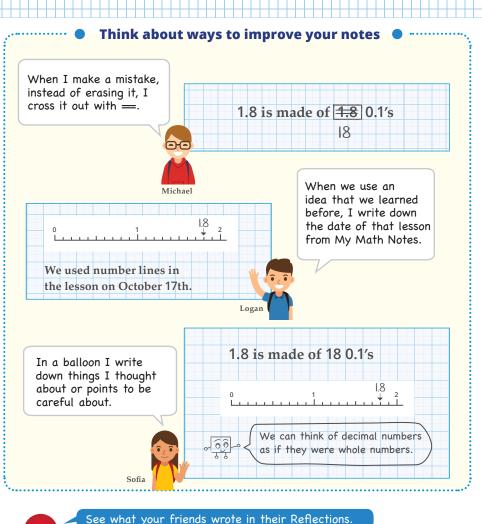
Write down friends' ideas that you thought were good.

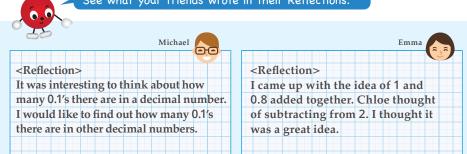
As <Reflection> record:

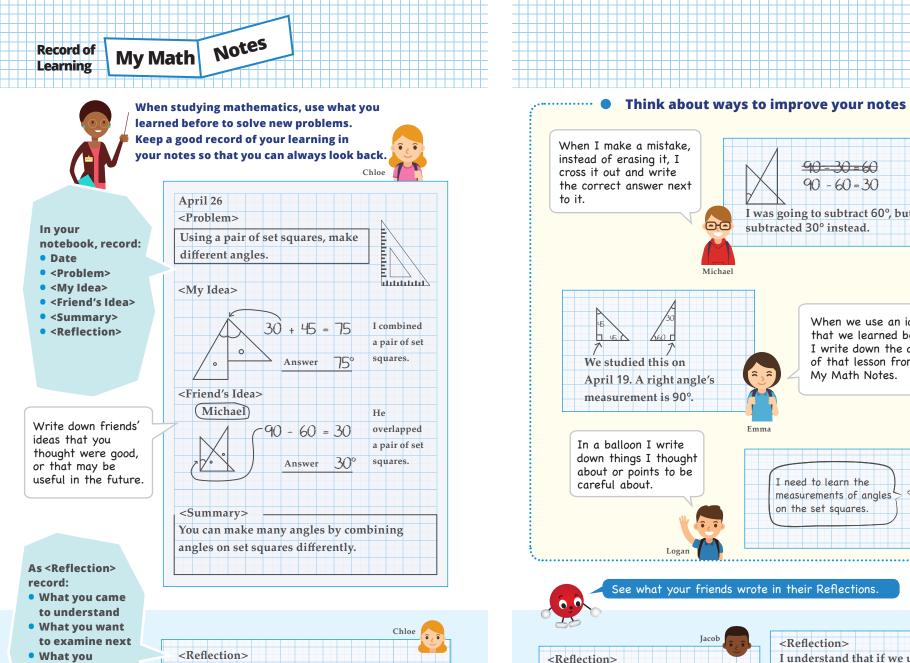
- What you came to understand
- What you want to examine next
- What you thought as you listened to your friends' ideas











thought as you listened to vour friends' ideas

See what your friends wrote in their Reflections. Jacob <Reflection> I understand that if we use subtraction, we can make many I thought about ways to add two angle more angles. If we use the idea of an measurements. I was very impressed "outside angle" studied on April 21, by Michael because he thought about we may be able to make using subtraction by overlapping even more angles. the set squares.

Emm I need to learn the measurements of angles on the set squares.



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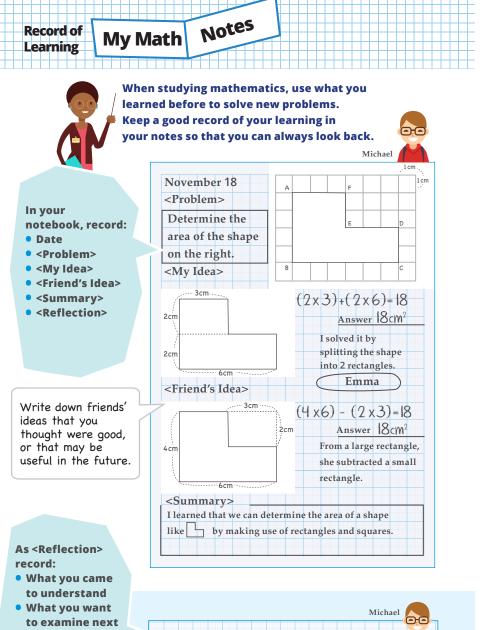
subtracted 30° instead.

90 - 60 = 30

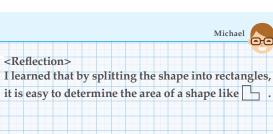
I was going to subtract 60°, but I

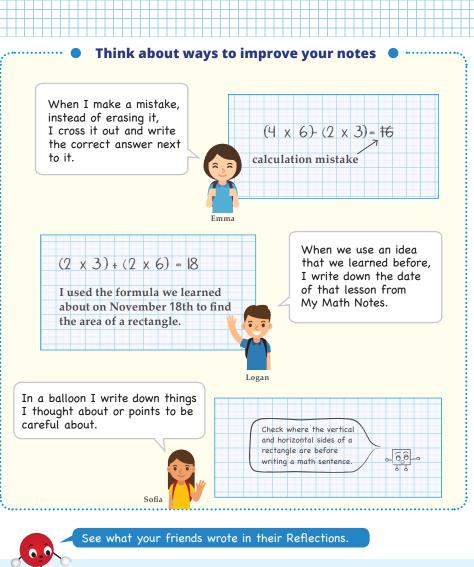
When we use an idea that we learned before. I write down the date of that lesson from My Math Notes.

Today, we made many different angles by combining angles on a pair of set squares. I learned that it is possible to make angles like 15° and 75° without using a protractor.

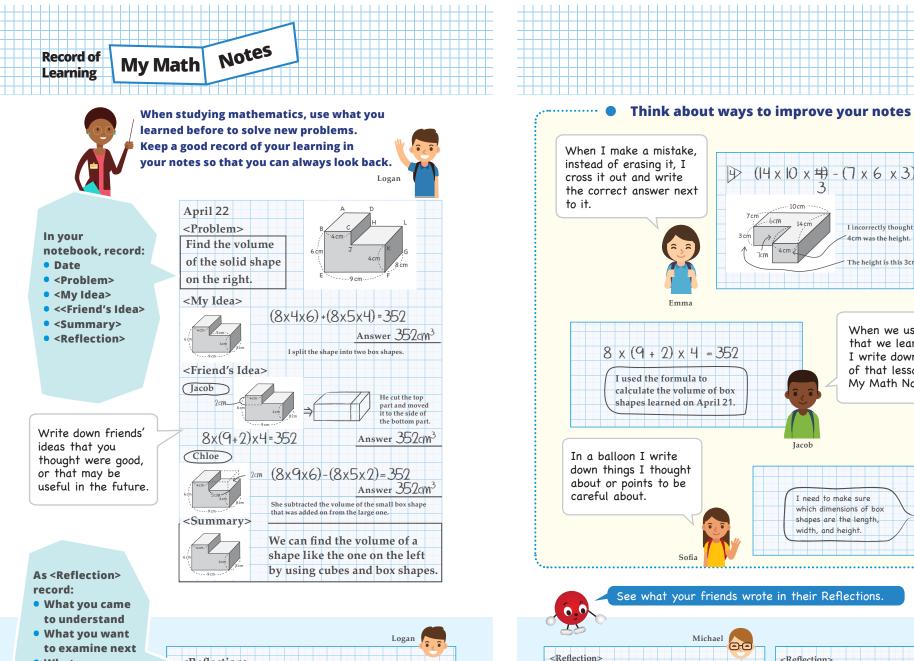


• What you thought as you listened to vour friends' ideas





| Logan Cogan | Chloe |
|---|------------------------------------|
| <reflection></reflection> | <reflection></reflection> |
| Everyone used 2 rectangles to find the | I was impressed because Emma |
| area. Using what we studied today, I | thought about subtracting a small |
| want to try lots of different problems. | rectangle from a large one. I want |
| | to be able to think like that too. |
| | |



• What you thought as you listened to vour friends' ideas

<Reflection>

I thought about splitting the shape into two

square shapes. After listening to Jacob and

Chloe, I thought it was interesting that there

were so many ways to think about this problem.

Grade 5A

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10 x

Jacob

<Reflection>

Today, we wrote math sentences to match the

pictures shown by our friends. We also tried to

wrote. I learned that math sentences show what

we are thinking really well.

figure out their ideas from the math sentences they

I need to make sure

which dimensions of box

Today, we studied how to calculate the volume

of a shape that looked like an L. I was able to find

the volume using the same idea I used to find the

area of an L-shape. I want to try to figure out the

volume of other kinds of shapes, too.

shapes are the length,

width, and height.

-(7 x 6 x 3) = 434

I incorrectly thought that this

When we use an idea

I write down the date

of that lesson from

My Math Notes.

that we learned before.

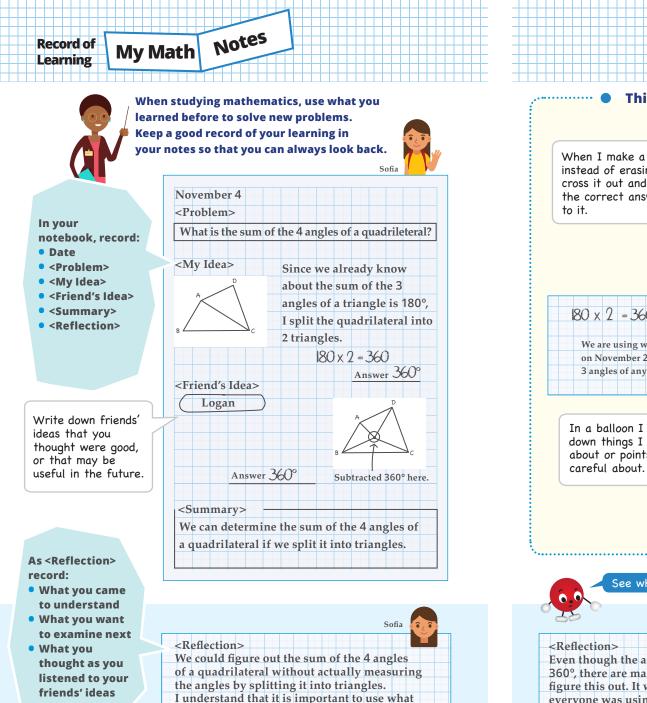
260

Chloe

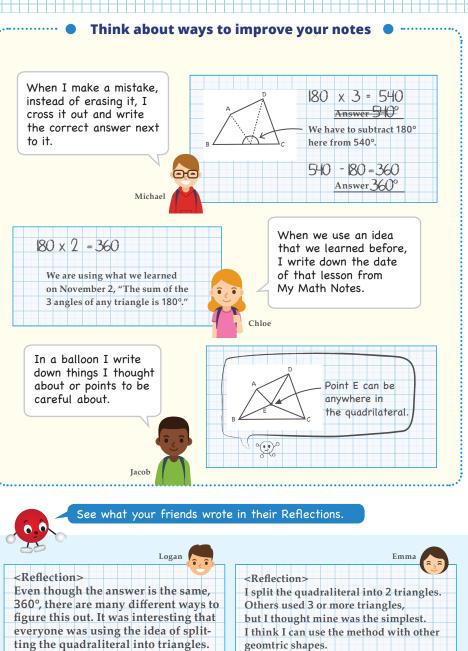
4cm was the height.

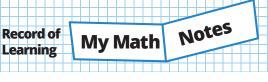
The height is this 3cm.

294



we have learned before.







In your notebook, record:

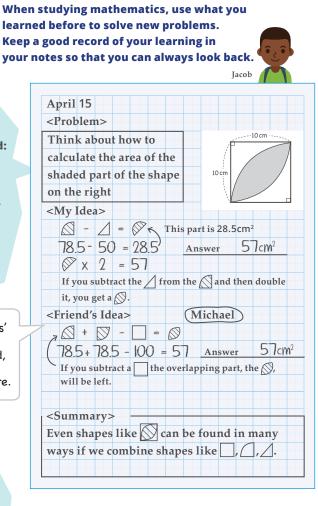
- Date
- </br>

 <My Idea>
- <Friend's Idea>
- Summary>
- <Reflection>

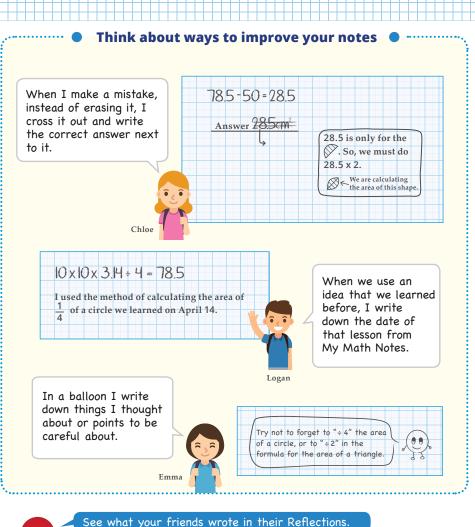
Write down friends' ideas that you thought were good, or that may be useful in the future.

As <Reflection> record:

- What you came to understand
- What you want to examine next
- What you thought as you listened to your friends' ideas

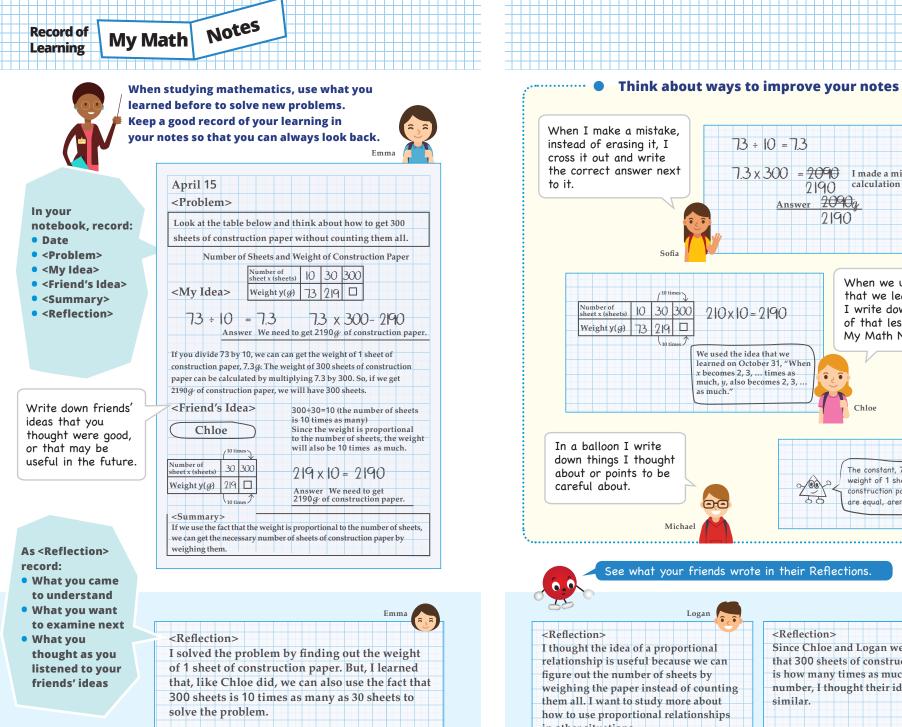


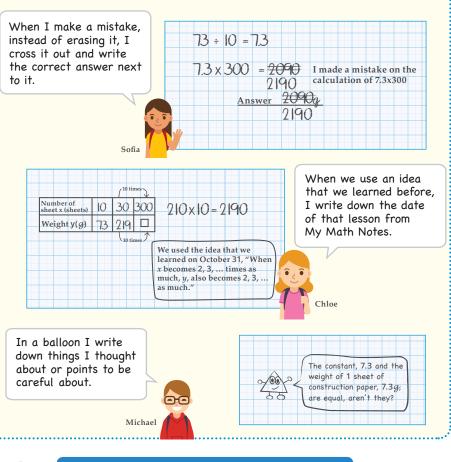
Seffection> At first, I wasn't sure if we could calculate the area of this shape. But, by combining the shapes we already learned, I was able to calculate the area. I enjoyed thinking about how to combine different shapes.



Michael
Keflection>
Keflection>
We thought about what other people
were thinking by looking at their
diagrams and math sentences. I learned
that math sentences express what a
person is thinking. I want to study
more about interpreting other people's
diagrams and math sentences.

| Sofia Sofia |
|---|
| <reflection></reflection> |
| I subdivided the shape to find the area, |
| but Michael thought of subtracting the |
| area of a square so that the overlapping |
| part will be left. Our class used a similar |
| method before, when we used it with |
| this problem, I thought, "I get it!" |
| |





| Logan | Jacob |
|--|---------------------------------------|
| <reflection></reflection> | <reflection></reflection> |
| thought the idea of a proportional | Since Chloe and Logan were thinking |
| elationship is useful because we can | that 300 sheets of construction paper |
| igure out the number of sheets by | is how many times as much as another |
| weighing the paper instead of counting | number, I thought their ideas were |
| hem all. I want to study more about | similar. |
| now to use proportional relationships | |
| n other situations. | |