



Math Virtual Learning

2nd Grade Addition and Subtraction

April 16, 2020



2nd Grade Math

Lesson: April 16, 2020

Learning Target:

Students will use place value to add and subtract up to 1,000.

Background:

- Students learn different strategies to use when adding and subtracting within 100 in 1st grade.
- Students learn different strategies to use when adding and subtracting within 1,000 in 2nd grade.
- Students learn about place value in 1st quarter of 2nd grade.

Let's Get Started:

Watch Videos:

1. [Expanded Form](#)
2. [The Action of Subtraction](#)

Practice #1:

How can we subtract these numbers?

Remember
your tens and
ones!

$$\begin{array}{r} 86 \\ 80 \quad 6 \end{array} - \begin{array}{r} 25 \\ 20 \quad 5 \end{array} = ?$$



Practice #1:

If you got 61, you got it!



$$\begin{array}{r} 86 \\ - 25 \\ \hline \end{array} = 61$$

Diagram showing the decomposition of 86 into 80 and 6, and 25 into 20 and 5. The 80 and 20 are circled in blue, and the 6 and 5 are circled in green.



Subtract the tens.
 $80 - 20 = 60$

Subtract the ones.
 $6 - 5 = 1$

Add the 10s and 1s!
 $60 + 1 = 61$

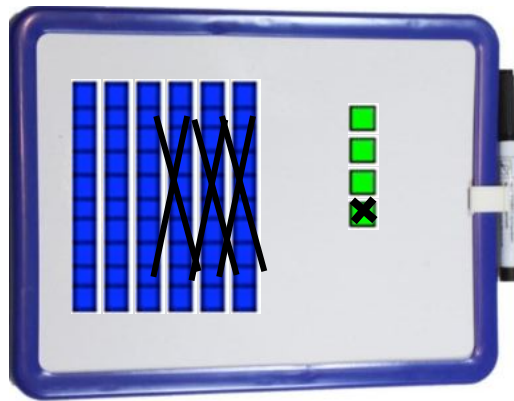
Practice #2:

Try this problem.

Break apart
into
expanded
form!

$$\begin{array}{r} 64 \\ 60 \quad 4 \end{array} - \begin{array}{r} 31 \\ 30 \quad 1 \end{array} = ?$$

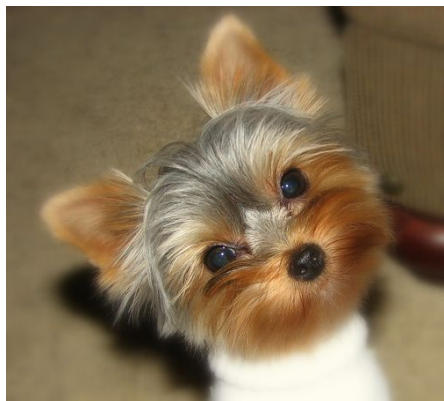




Practice #2:
If you got 33, you got it!

$$\begin{array}{r} 64 \\ - 31 \\ \hline \end{array} = 33$$

The diagram shows the subtraction process. The number 64 is broken down into 60 and 4. The number 31 is broken down into 30 and 1. The 60 and 30 are circled in blue, and the 4 and 1 are circled in green.



Subtract the tens.
 $60 - 30 = 30$

Subtract the ones.
 $4 - 1 = 3$

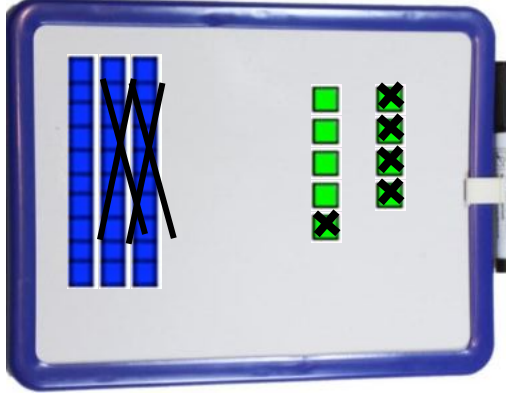
Add the 10s and 1s!
 $30 + 3 = 33$

You can do
this! Don't
forget to
break apart!



Practice #3:
Try this problem.

$$\begin{array}{r} 39 \\ \hline \end{array} - \begin{array}{r} 25 \\ \hline \end{array} = ?$$



Practice #3:
If you got 14, you got it!

$$\begin{array}{r} 39 \\ - 25 \\ \hline \end{array} = 14$$

Diagram showing the decomposition of 39 into 30 and 9, and 25 into 20 and 5. The 30 and 20 are circled in blue, and the 9 and 5 are circled in green.



Subtract the tens.
 $30 - 20 = 10$

Subtract the ones.
 $9 - 5 = 4$

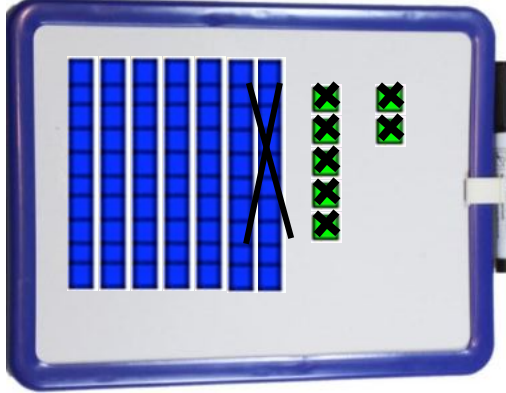
Add the 10s and 1s!
 $10 + 4 = 14$

This is hard
work. One
more try,
remember
tens and **ones**.

Practice #4:
Try this problem.

$$77 - 17 = ?$$





Practice #4:
If you got 60, you got it!

$$\begin{array}{r} 77 \\ - 17 \\ \hline \end{array} = 60$$

Diagram showing the decomposition of 77 into 70 and 7, and 17 into 10 and 7. The 70 and 10 are circled in blue, and the 7 and 7 are circled in green.

Subtract the tens.
 $70 - 10 = 60$

Subtract the ones.
 $7 - 7 = 0$

Add the 10s and 1s!
 $60 + 0 = 60$

MORE Practice on your own:

Go to this website: [Penalty Kicks](https://www.penaltykicks.com/).

1. Hit the blue square play button.
2. Click, swipe, release to kick the ball.
3. Solve the subtraction problem and click the correct answer!



MORE Practice on your own:
Go to this website: [Subtraction Practice](#).

3. Type your answer in the box or select the correct answer.
4. Get 10 correct answers in a row to level up!

$$6 - 3 = \boxed{}$$

Answer

Level 1 of 4



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Green is correct!

Practice:

Complete this page in your packet.

<p>1. $672 - 321 =$</p> <div><div>672</div><div>600</div></div> + <div><div>70</div></div> + <div><div>2</div></div> <div><div>-321</div><div>300</div></div> + <div><div>20</div></div> + <div><div>1</div></div> <hr/> <div><div></div></div> + <div><div></div></div> + <div><div></div></div> = <div><div></div></div>	<p>2. $237 - 267 =$</p> <div><div></div></div> + <div><div></div></div> + <div><div></div></div> <div><div>-</div><div></div></div> + <div><div></div></div> + <div><div></div></div> <hr/> <div><div></div></div> + <div><div></div></div> + <div><div></div></div> = <div><div></div></div>
<p>3. $124 - 723 =$</p> <div><div></div></div> + <div><div></div></div> + <div><div></div></div> <div><div>-</div><div></div></div> + <div><div></div></div> + <div><div></div></div> <hr/> <div><div></div></div> + <div><div></div></div> + <div><div></div></div> = <div><div></div></div>	<p>4. $543 - 410 =$</p> <div><div></div></div> + <div><div></div></div> + <div><div></div></div> <div><div>-</div><div></div></div> + <div><div></div></div> + <div><div></div></div> <hr/> <div><div></div></div> + <div><div></div></div> + <div><div></div></div> = <div><div></div></div>

Click here to open worksheet.






Self Check:

Go tell someone in your home your answers.



1. Was this lesson?

- ☐ Just right 
- ☐ okay 
- ☐ hard 

2. Create your own addition and your own subtraction problems and teach someone at home how to solve them.