



Math Virtual Learning

2nd Grade Addition & Subtraction

April 17, 2020



2nd Grade Math

Lesson: April 17, 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:

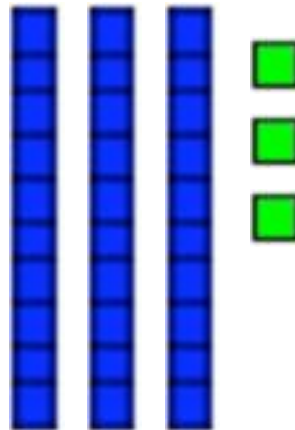
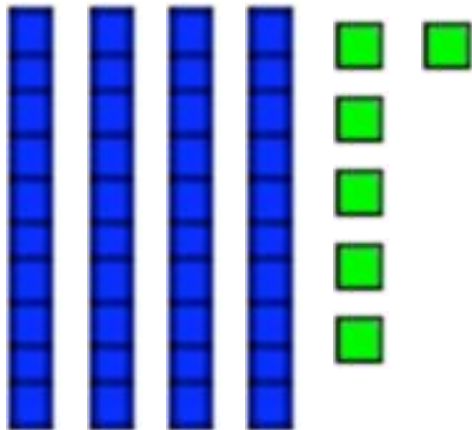
Watch Read Alouds:

1. [The Grapes of Math](#)
2. [Adding and Subtracting using Base 10 Blocks](#)

How
Many?



Let's Review:



Add the tens
together and
then the ones.

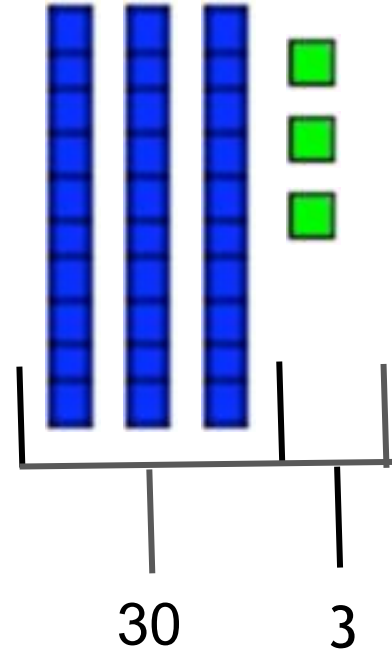
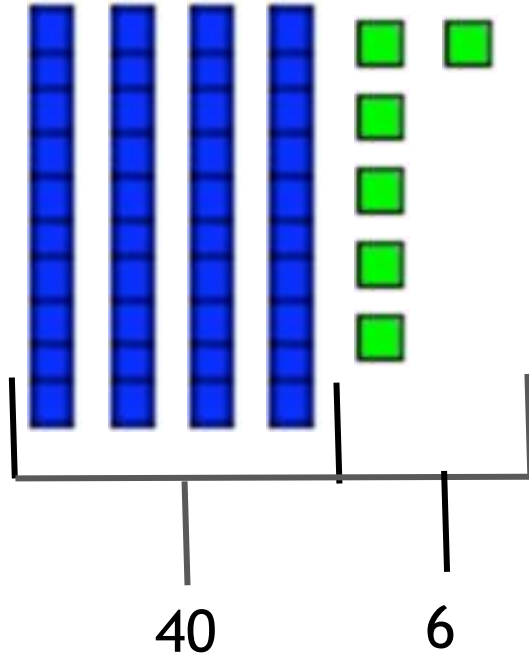


Let's Review:

$$40 + 30 = 70$$

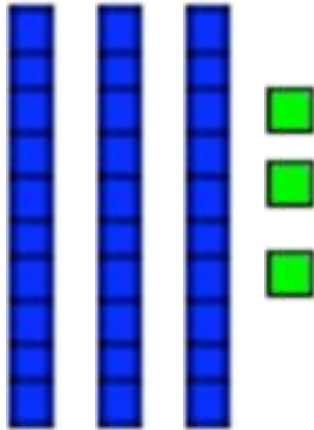
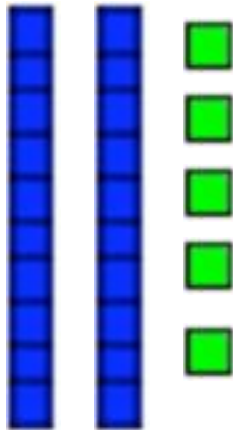
$$6 + 3 = 9$$

$$70 + 9 = 79$$



Let's Review:
Solve the problem.

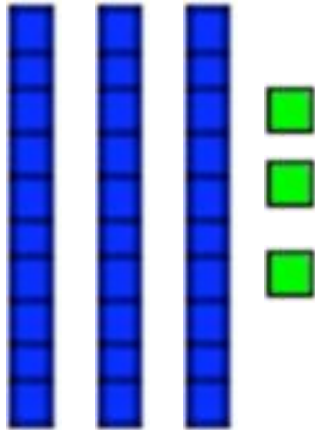
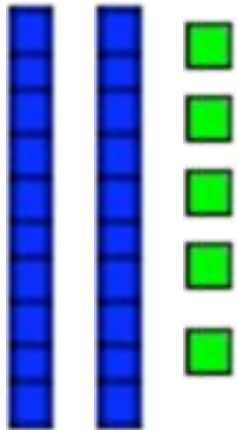
$$25 + 33 = ?$$



How many
tens?
How many
ones?

Let's Review:
Solve the problem.

$$25 + 33 = ?$$



5 tens = 50

8 ones = 8

$$50 + 8 = 58$$

Let's Review:

How can we subtract these numbers?

Remember
your tens and
ones!

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



Let's Review:

If you got 61, you got it!



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

The diagram shows the subtraction process. The number 86 is broken down into 80 and 6. The number 25 is broken down into 20 and 5. The 80 is circled in blue, the 6 is circled in green, the 20 is circled in blue, and the 5 is circled in green.



Subtract the tens.
 $80 - 20 = 60$

Subtract the ones.
 $6 - 5 = 1$

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

Time to check what you've learned!

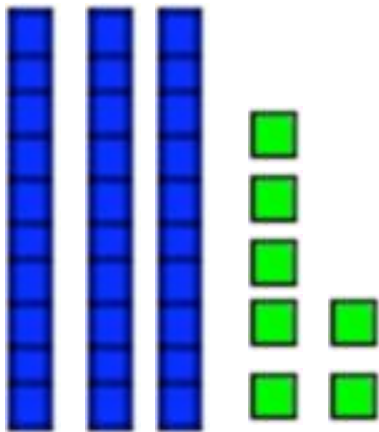


Don't
worry!
You've
got this!!

Click anywhere
to move on to
the quiz. Don't
forget, you can
always go back
and review!

Think about
which are the
tens and which
are the ones.

$$37 - 24 =$$



Practice #1:

Solve the problem and click the correct
answer.

51

13

23

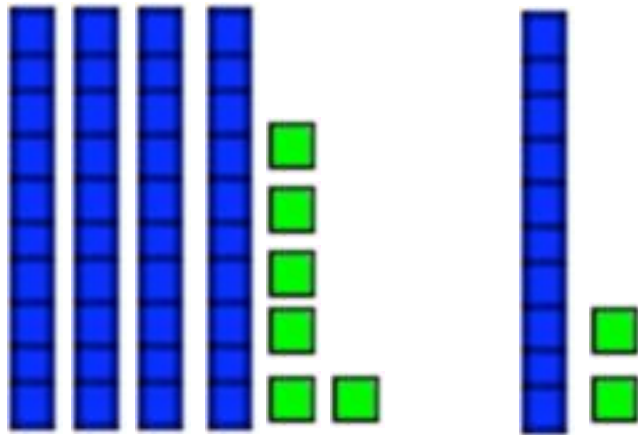
12

Remember to
add the **ones**
first and then
add the **tens**!

Practice #2:

Solve the problem and choose the correct
answer.

$$46 + 12 = \boxed{}$$



58

60

34

62

You can also
break the
numbers apart in
expanded form to
solve!

Practice #3:

Solve the problem and choose the correct
answer.

$$\begin{array}{r} 48 \\ 40 \quad 8 \end{array} - \begin{array}{r} 27 \\ 20 \quad 7 \end{array} = ?$$

75

36

65

21

Remember?

- add your **tens**
- add your **ones**.
- add them together.

Practice #4:

Solve the problem and choose the correct answer.

$$\begin{array}{r} 17 \\ 10 \quad 7 \end{array} + \begin{array}{r} 52 \\ 50 \quad 2 \end{array} = ?$$

45

70

69

49

Remember how
to move by 10s
and then move
1s.

Practice #5:

Use the hundreds chart and
click the correct answer!

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

37

31

109

99

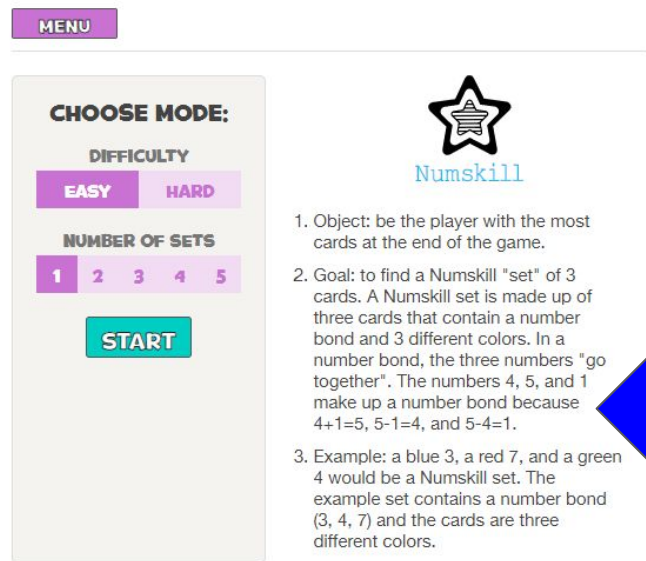
$$75 + 24 = ?$$

Practice on your own:

Go to this website:

[Numskill](https://numskill.com)

1. Read through the instructions! Create a number bond with 3 different colors
2. Start on “Easy” and 1 set.
3. Click start and play!

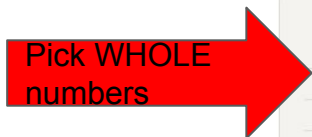


MORE Practice on your own:

Go to this website:

[Place Value](#)

1. Read instructions and select WHOLE NUMBERS.
2. Choose how many digits then play the game!



CHOOSE MODE:

Whole Numbers

Decimals

PLACE
VALUE

1. To enter a number in a box, click one of the four numbers at the bottom.
2. The boxes must be answered in order – only the box with the question mark can be completed.
3. Incorrect answers are not accepted and add a 5 second penalty to your final time.
4. If you ever get stuck and need help, click the Hint button to eliminate one of the incorrect answers. Each hint adds 5 seconds to your final time.

NU

0:05

870

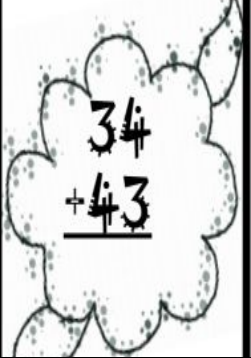
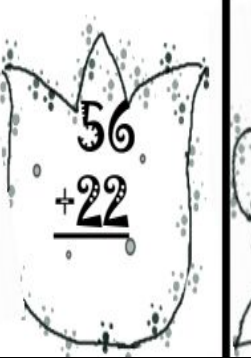
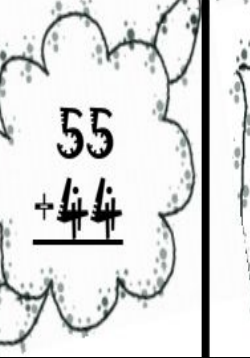

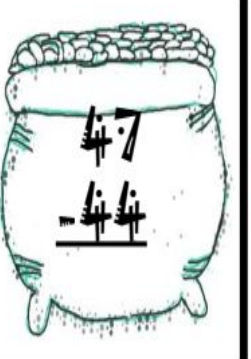
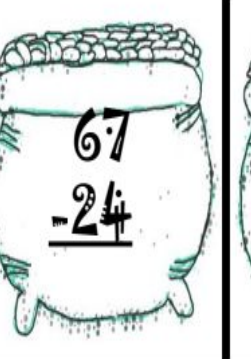
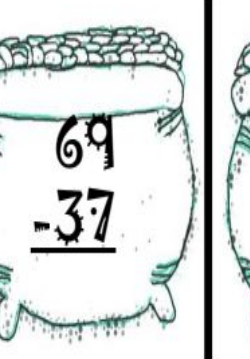

? HUNDREDS + TENS + ONES

PROBLEM 1 OF 5

8 0 3 7

HINT

Practice:
Complete this page in your packet.

 $\begin{array}{r} 34 \\ + 43 \\ \hline \end{array}$	 $\begin{array}{r} 56 \\ + 22 \\ \hline \end{array}$	 $\begin{array}{r} 55 \\ + 44 \\ \hline \end{array}$	 $\begin{array}{r} 51 \\ + 13 \\ \hline \end{array}$
 $\begin{array}{r} 47 \\ - 44 \\ \hline \end{array}$	 $\begin{array}{r} 67 \\ - 24 \\ \hline \end{array}$	 $\begin{array}{r} 69 \\ - 37 \\ \hline \end{array}$	 $\begin{array}{r} 18 \\ - 18 \\ \hline \end{array}$

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.

Answer Key

All pages following provide the answers to each practice.



[Click here for Practice #2](#)

Great job! The correct answer is 11.



Click for Practice #3

Great job! The correct answer is 58.



Click for Practice #4

Great job! The correct answer is 21.



Click for Practice #5

Great job! The correct answer is 69.



You finished! Click for fun
Games.

Great job! The correct answer is 99.

Incorrect Answers

All pages following are for the interactive part.
There is no learning beyond this slide.

[Click Here to Try again](#)

Remember that subtraction is taking away.

[Click Here to Try again](#)

Remember to check if you're adding or subtracting.
Look for the + or -

[Click Here to Try again](#)

Don't forget to check the symbol! Which is addition
and which is subtraction?

[Click Here to Try again](#)

Remember to add your ONES together and then
your TENS.

[Click Here to Try again](#)

Remember, choose the way that's easiest for you!
You can use base ten or break apart the number.