

SUBTRACTION STRATEGIES

Count back

Differences of 1 or 2

Subtracting 1

Subtracting 10

Subtracting 0

Half facts

Subtracting within 10

Subtracting from 10

Bridging 10



When you subtract zero from
a number, the number stays
the same.

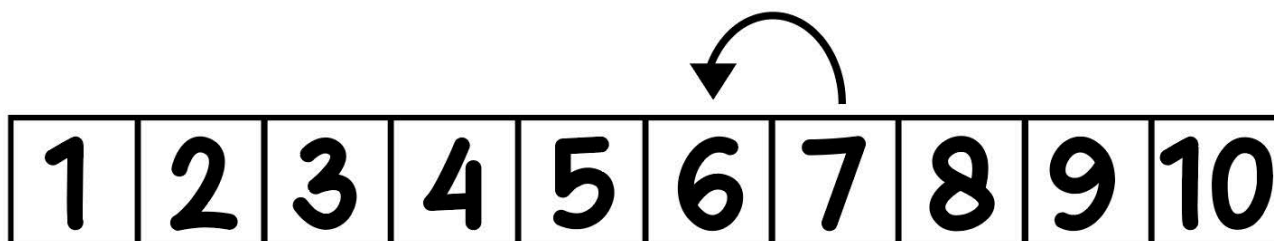
$$3 - 0 = 3$$





1	2	3	4	5	6	7	8	9	10
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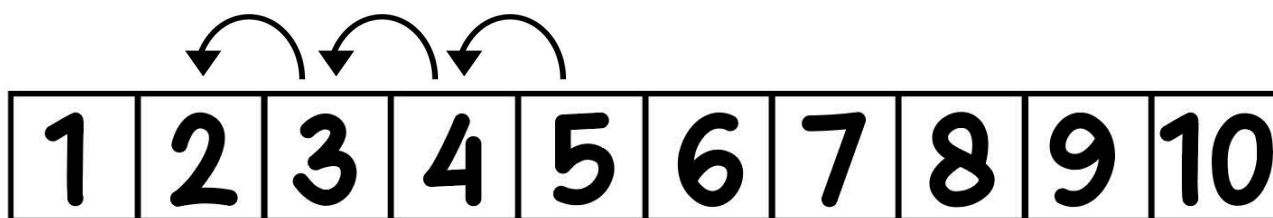
When you subtract 1 from a number, just go back 1.

$$7 - 1 = 6$$

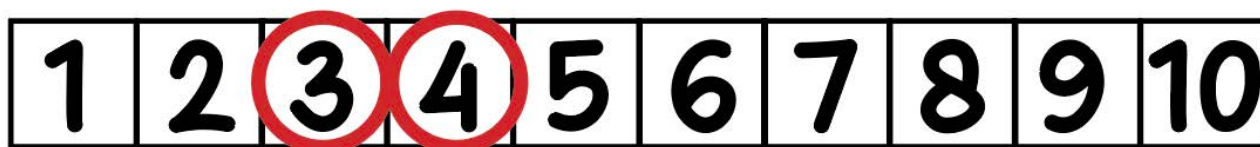
When you subtract 1, 2 or 3
you just count back.

$$5 - 3 = 2$$





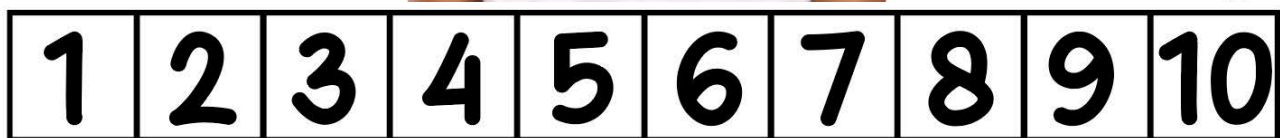
When you subtract 2 numbers that are side by side the difference is 1.

$$4 - 3 = 1$$



When you subtract 2 numbers that are close to each other they could have a difference of 2.


$$10 - 8 = 2$$



When you subtract 10,
think 10 friends.

$$10 - 1$$

THINK

$$1 + ? = 10$$



1	2	3	4	5	6	7	8	9	10
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When you subtract a number from itself, the difference is zero.

$$9 - 9$$

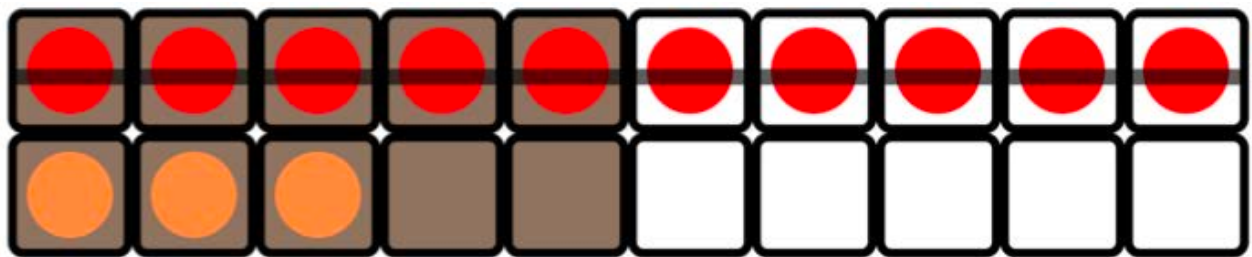
9



1	2	3	4	5	6	7	8	9	10
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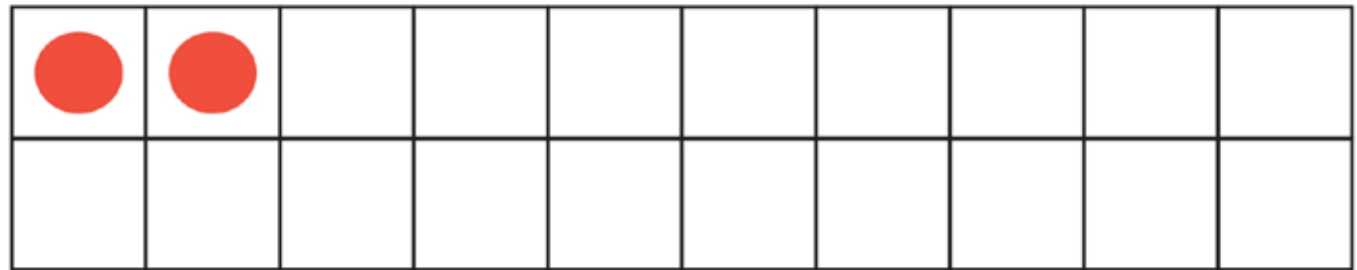
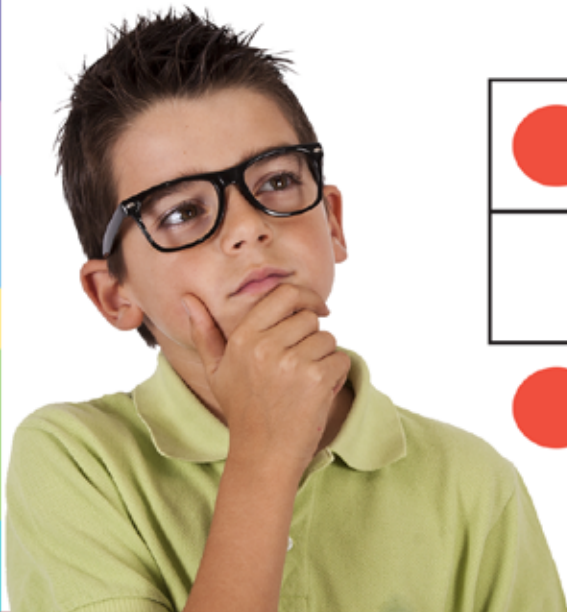
When you subtract 10
from a teen number,
ones are left.

$$13 - 10$$



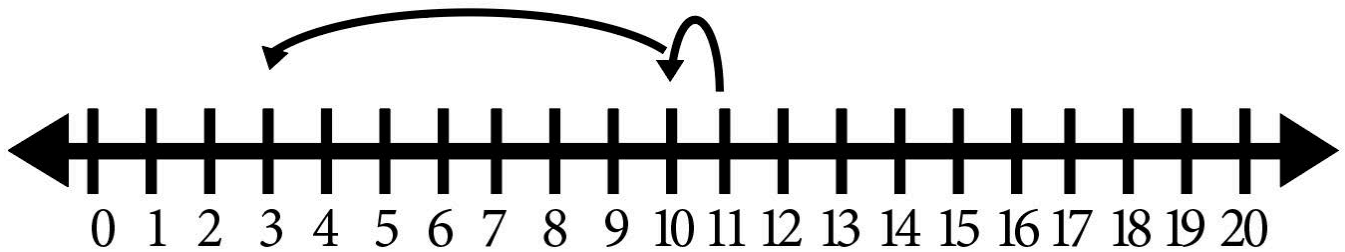
When you subtract ten from a teen number, you have the ones left!

$$12 - 10 = 2$$



When you subtract higher numbers, get to 10. Count back or count up through 10.

$$11 - 8$$

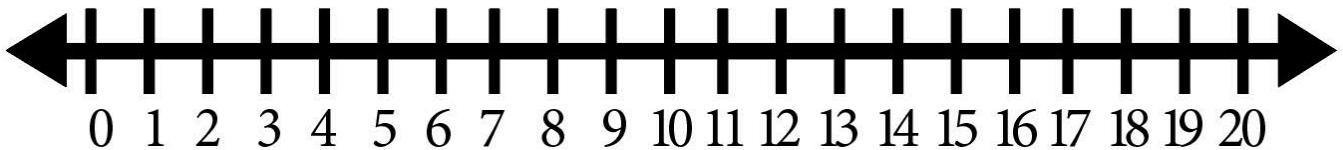


When you subtract from
20, think make 20 friends.

$$20 - 16$$

THINK

$$16 + ? = 20$$



Count back when
you see 1,2,or 3 to
subtract.

$$9 - 3$$



1	2	3	4	5	6	7	8	9	10
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I can Think ~~Addition~~ to subtract!

$$13 - 9$$

Count Up



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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SUBTRACTION MODELS

Number lines

Number Path

Counters

Ten Frames

Five Frame

Number Sentence



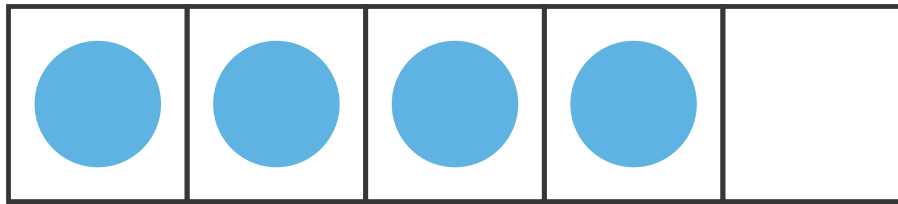
I can write a
number sentence.

$$9 - 1 = 8$$




I can use a five frame to subtract.







$$4 - 0$$



I can use a ten frame to subtract.

$$7 - 1$$

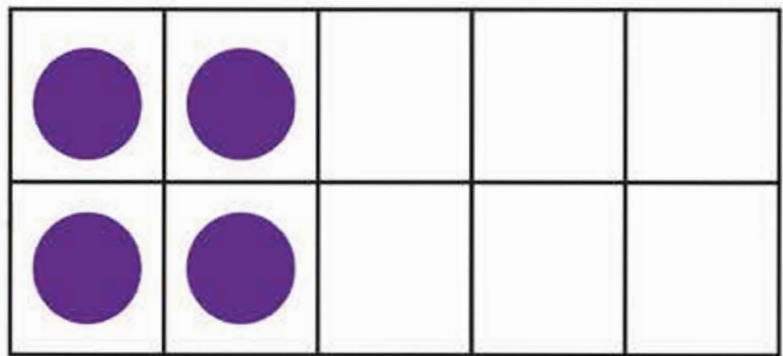




I can use counters to subtract.

$$8 - 4$$



●	●			
●	●			



**I can use my
fingers.**



I can use a twenty frame to subtract.

$$14 - 8$$

●	●	●							
●	●	●							



I can use the
number path to
subtract.

$$7 - 2$$



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About the Dr. Nicki Newton



Dr. Nicki Newton is an education consultant who works with schools and districts around the country and Canada on k-8 math curriculum. She has taught elementary school, middle school, and graduate school. Dr. Nicki has an Ed.M. and an Ed.D from Teachers College Columbia University. She is greatly interested in teaching and learning practices around the world and has researched education in Denmark, Guatemala and India. She has written several books, including being a part of the curriculum team for the new McGraw Hill Reveal Math series. She is currently working on a book about counting.

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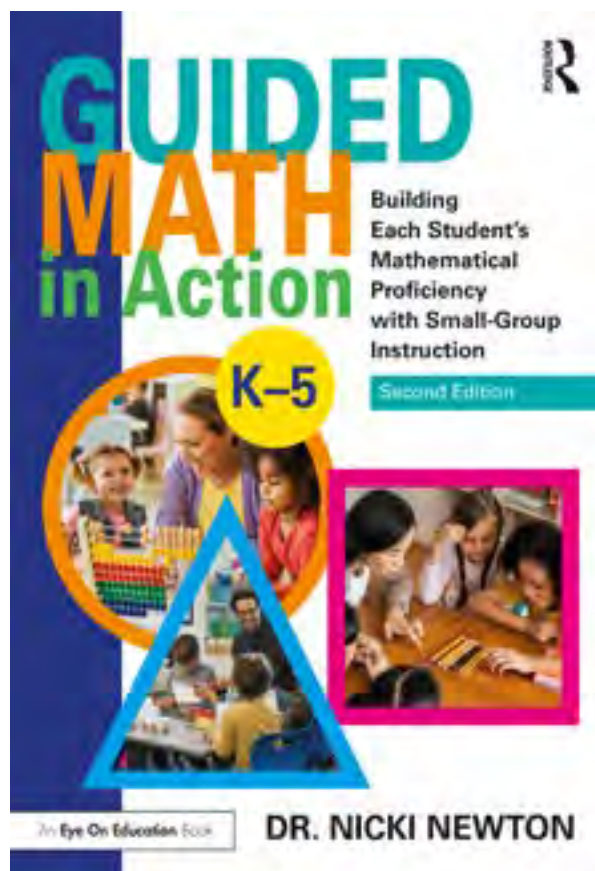
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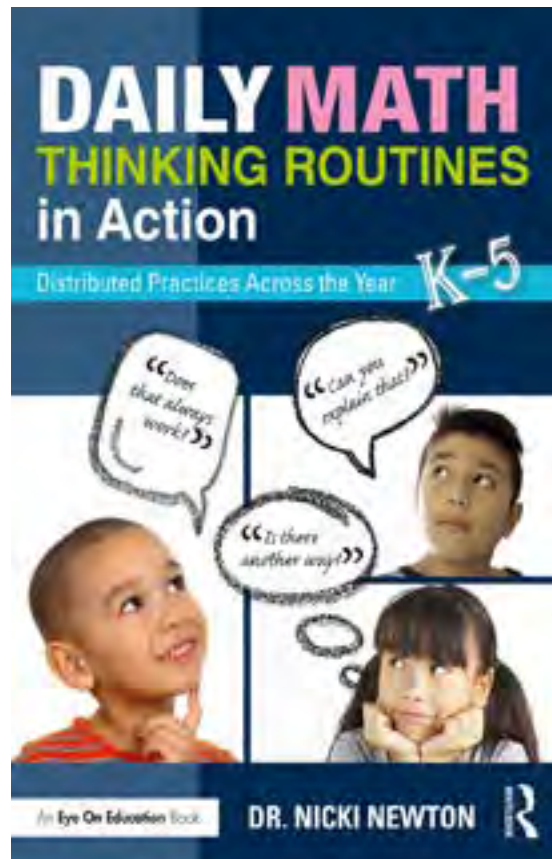
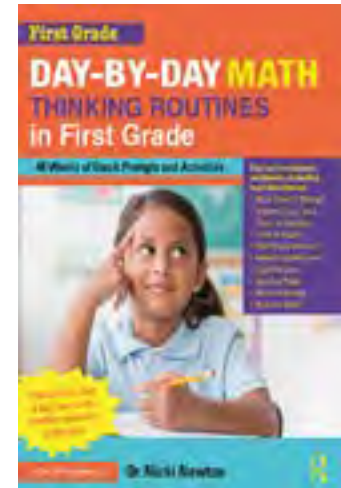
Dr. Nicki will POP into any book study group!

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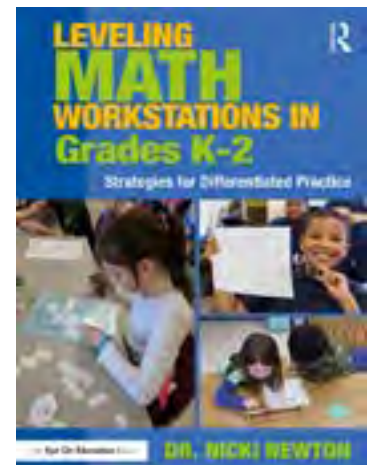
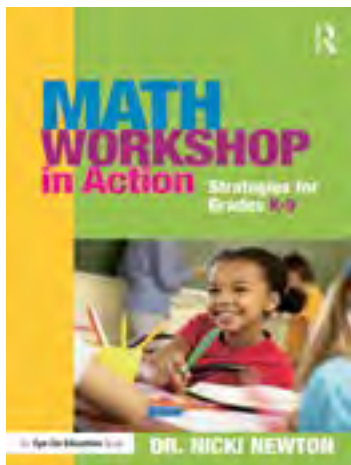
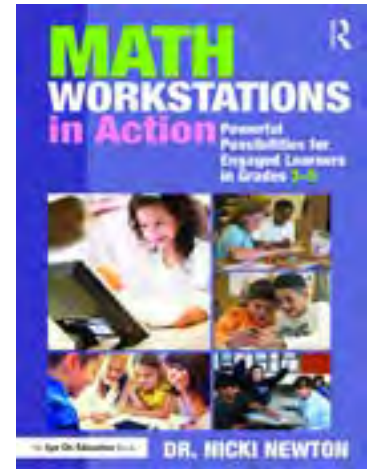
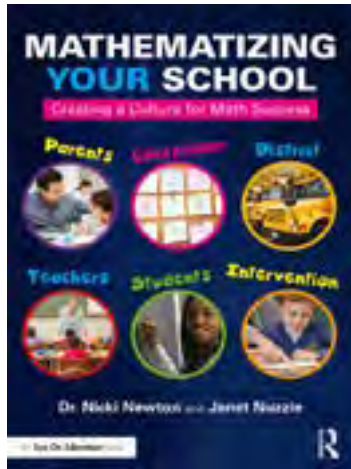


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