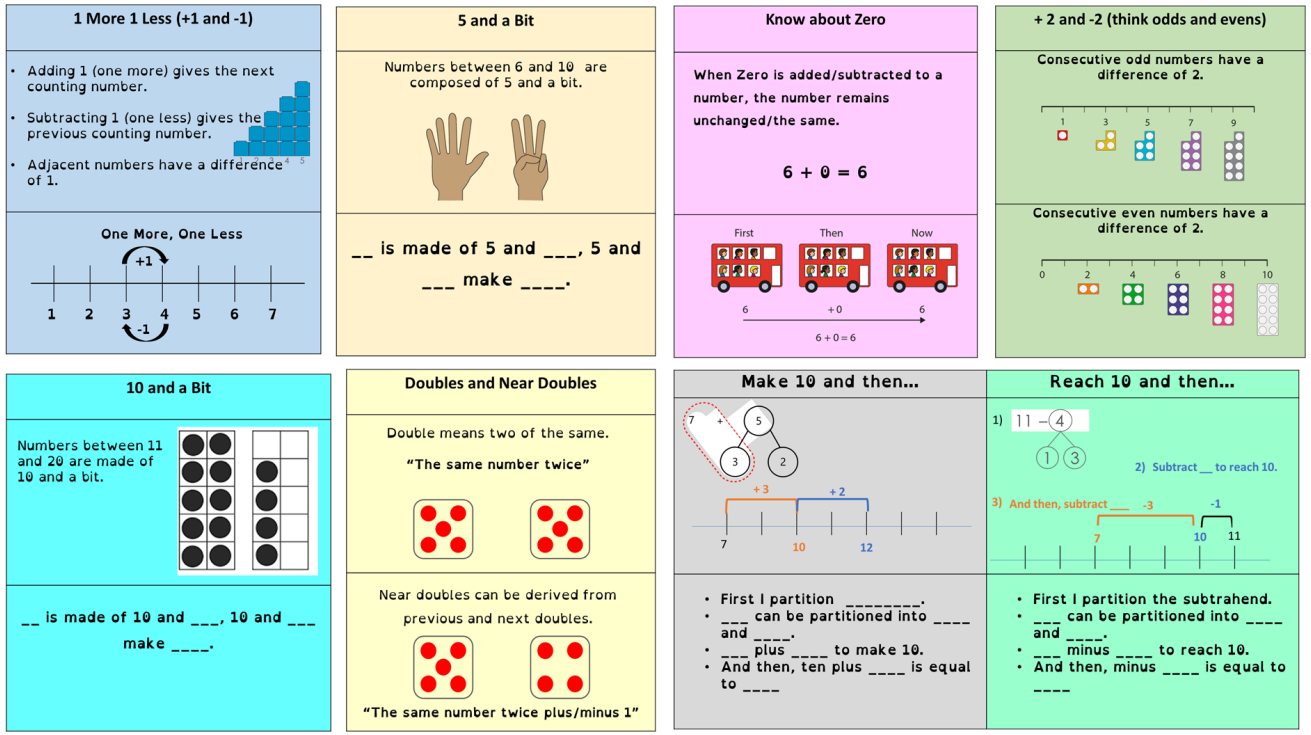
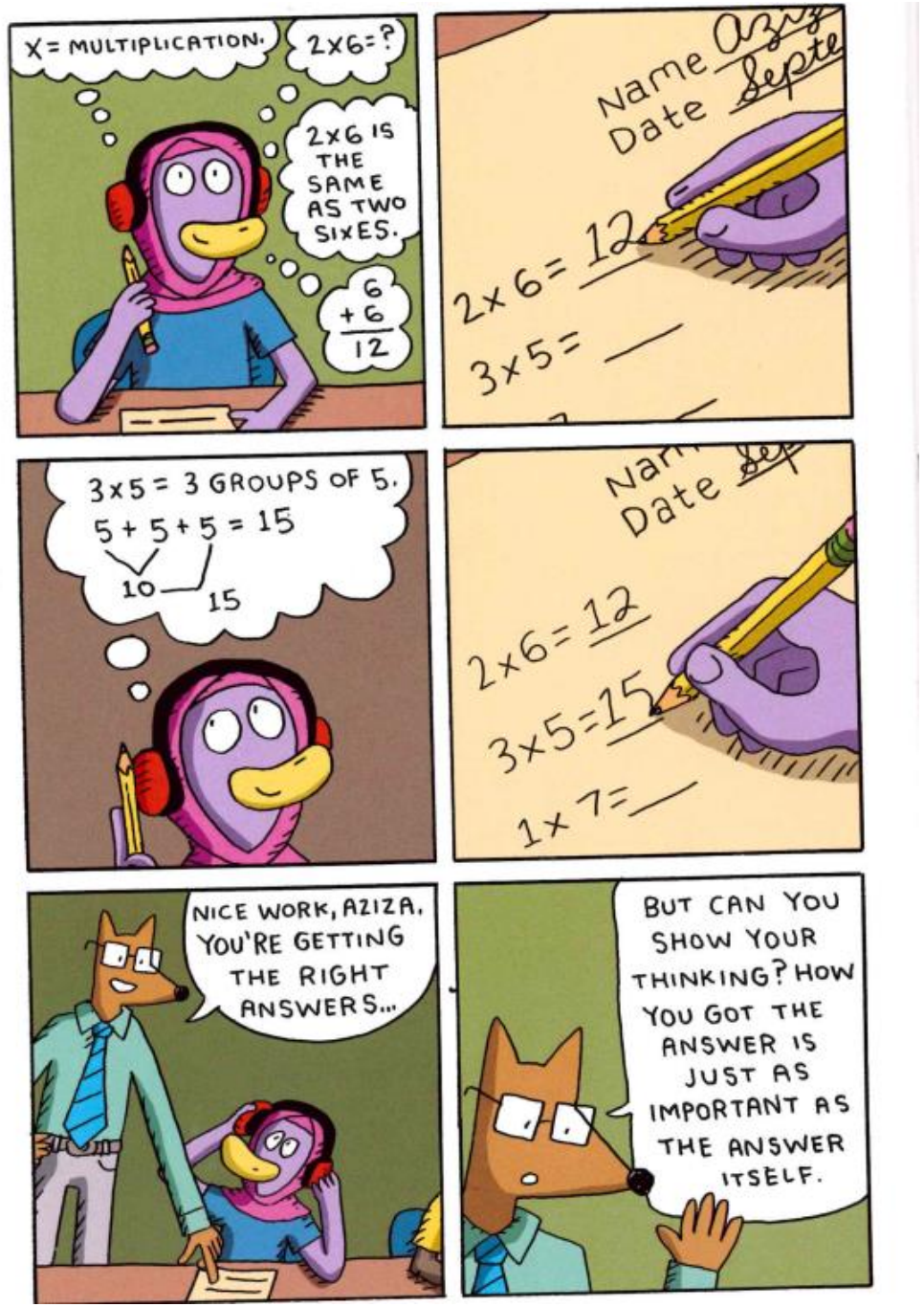
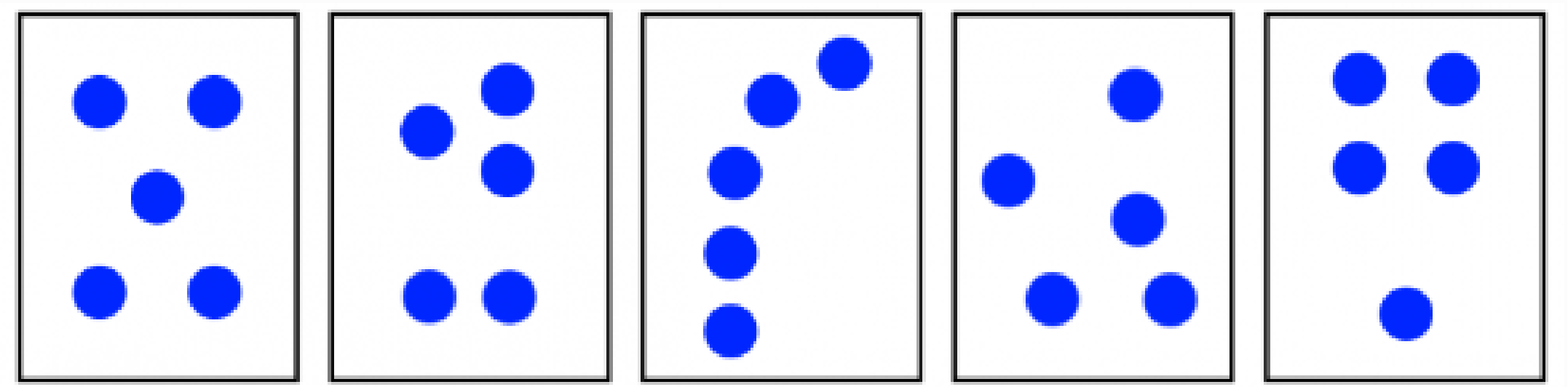
Maths strategies

Parent information evening: 16/10/24

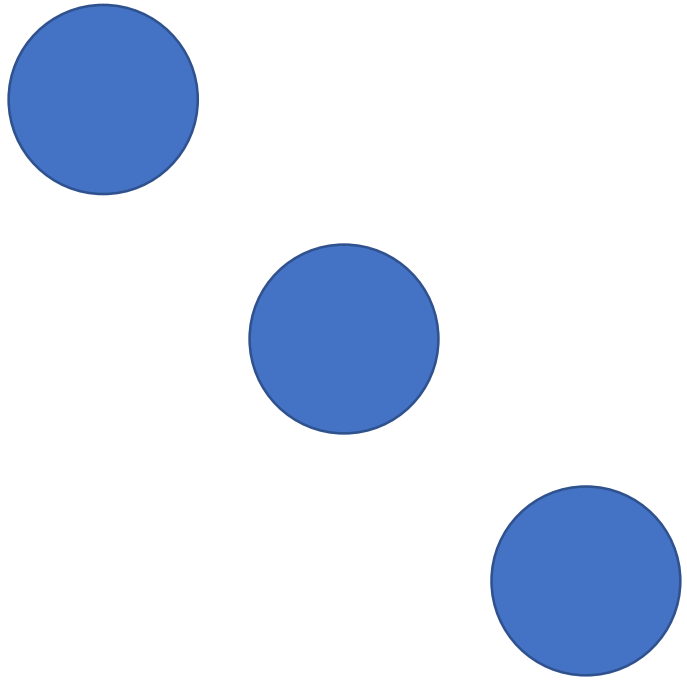



X = MULTIPLICATION.
2X6=?
2X6 IS THE SAME AS TWO SIXES.
6 + 6 = 12
Name Aziz
Date Septe
2x6= 12
3x5= ___
3x5 = 3 GROUPS OF 5.
5 + 5 + 5 = 15
10
15
Date Sep
2x6= 12
3x5=15
1x7=___
NICE WORK, AZIZA. YOU'RE GETTING THE RIGHT ANSWERS...
BUT CAN YOU SHOW YOUR THINKING? HOW YOU GOT THE ANSWER IS JUST AS IMPORTANT AS THE ANSWER ITSELF.

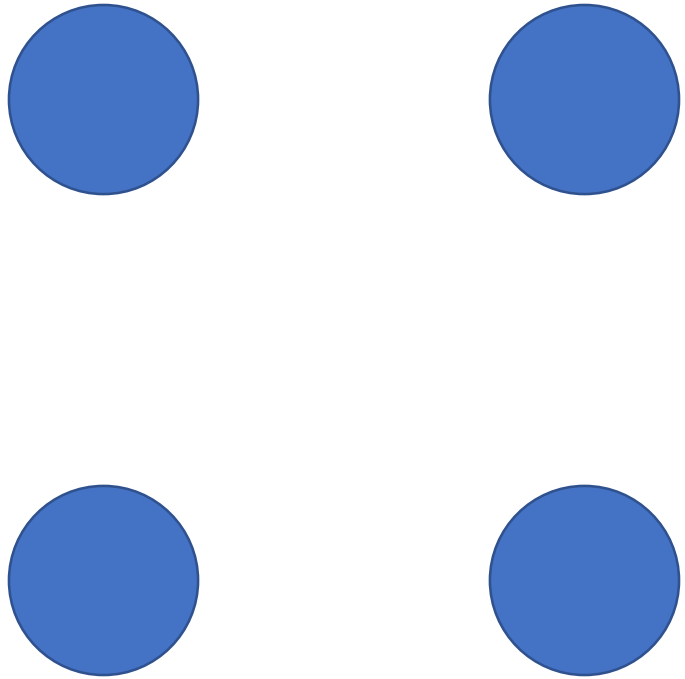
Subitising:



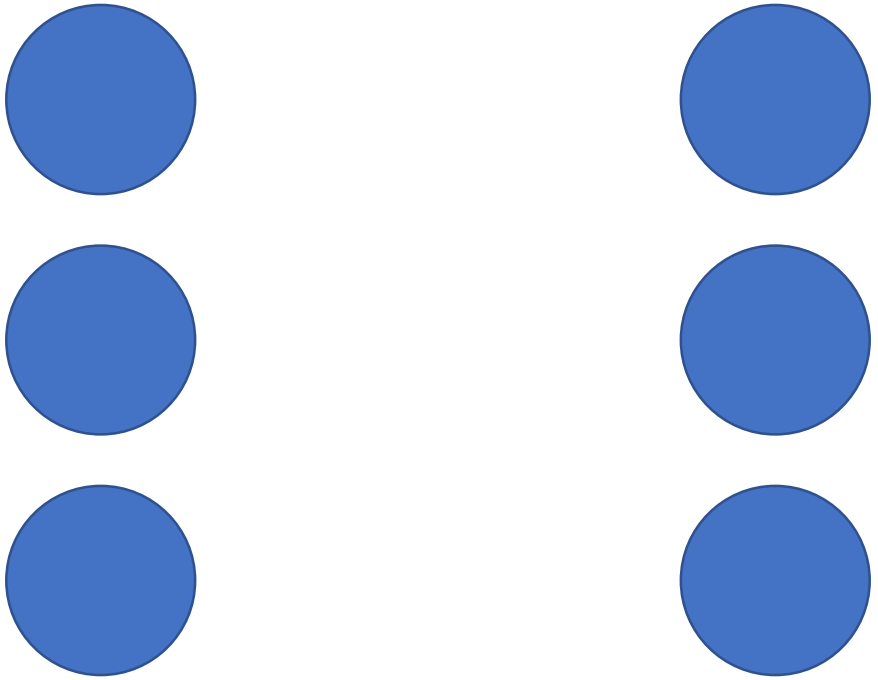
6 or NOT 6?



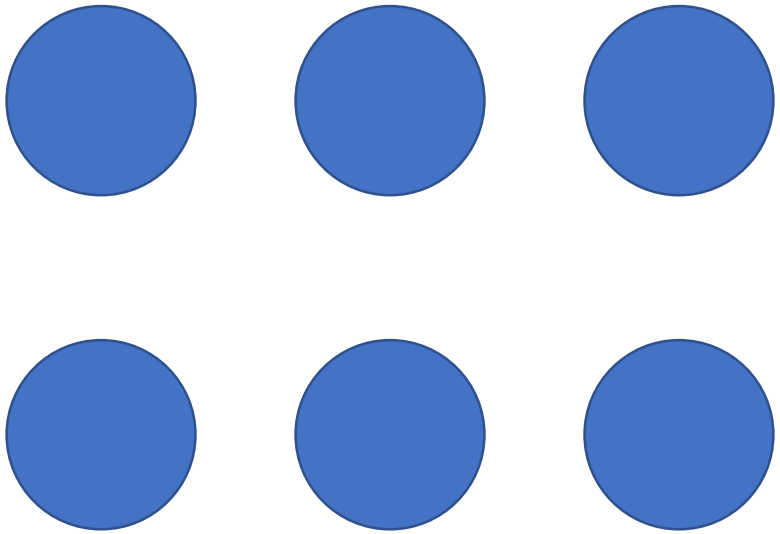
6 or NOT 6?



6 or NOT 6?



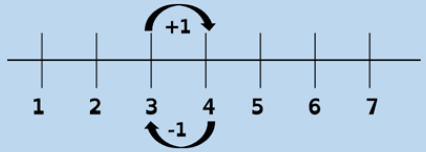
6 or NOT 6?



1 More 1 Less (+1 and -1)

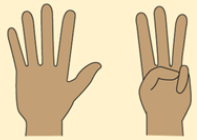
- Adding 1 (one more) gives the next counting number.
- Subtracting 1 (one less) gives the previous counting number.
- Adjacent numbers have a difference of 1.

One More, One Less



5 and a Bit

Numbers between 6 and 10 are composed of 5 and a bit.

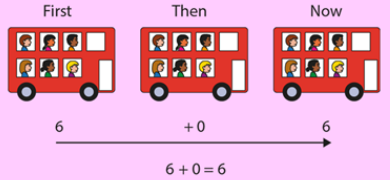


__ is made of 5 and ___, 5 and ___ make ____.

Know about Zero

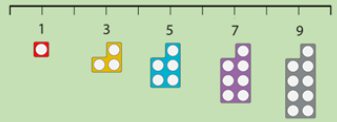
When Zero is added/subtracted to a number, the number remains unchanged/the same.

6 + 0 = 6

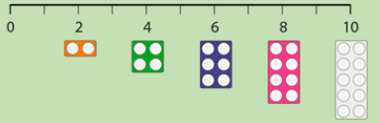


+ 2 and -2 (think odds and evens)

Consecutive odd numbers have a difference of 2.

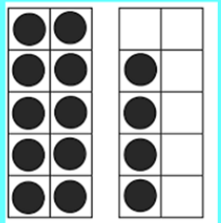


Consecutive even numbers have a difference of 2.



10 and a Bit

Numbers between 11 and 20 are made of 10 and a bit.



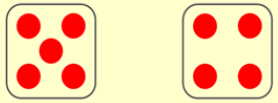
__ is made of 10 and ___, 10 and ___ make ____.

Doubles and Near Doubles

Double means two of the same.

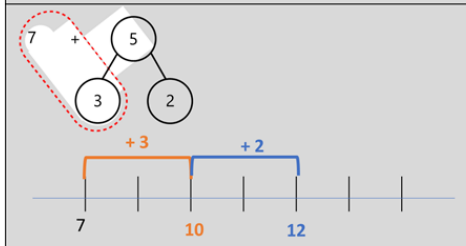
"The same number twice"

Near doubles can be derived from previous and next doubles.



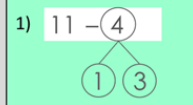
"The same number twice plus/minus 1"

Make 10 and then...

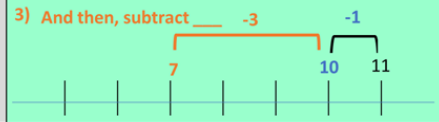


- First I partition _____.
- ___ can be partitioned into ____ and ____.
- ___ plus ____ to make 10.
- And then, ten plus ____ is equal to ____

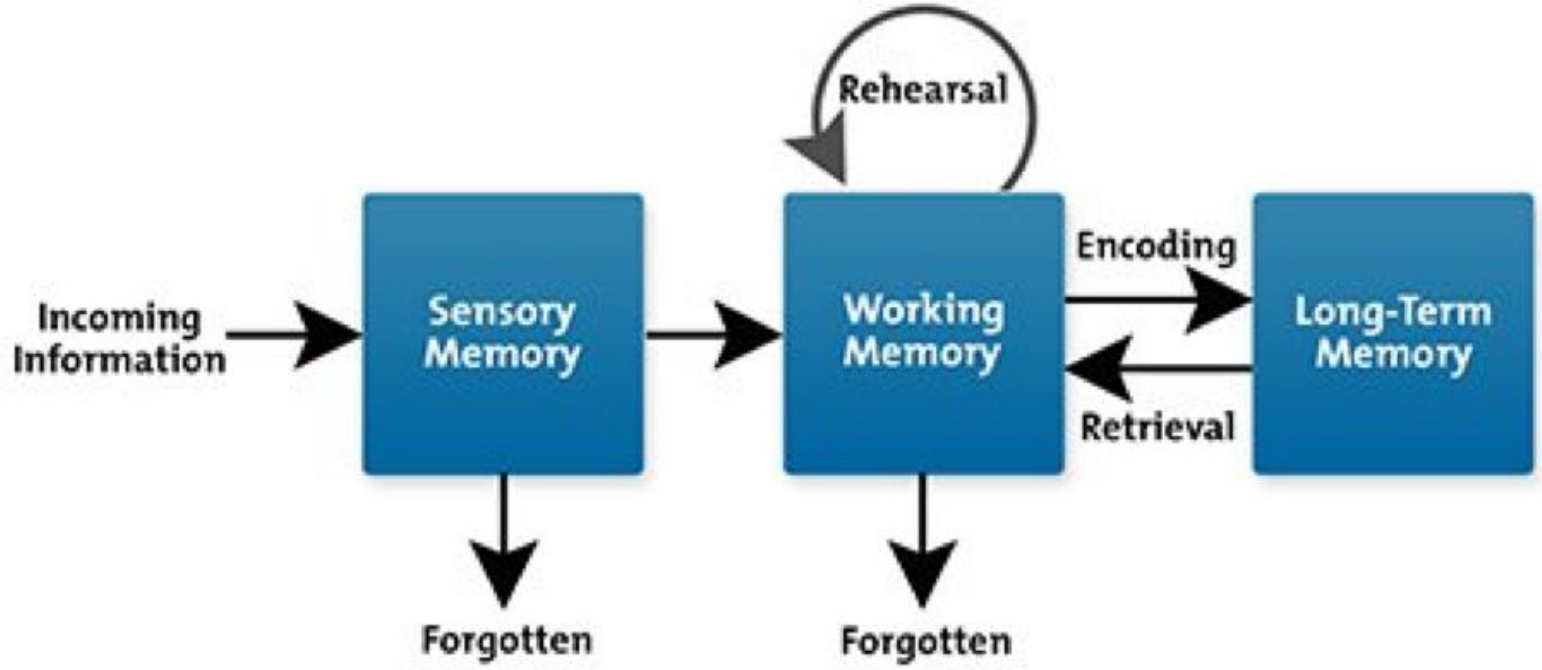
Reach 10 and then...



2) Subtract __ to reach 10.



- First I partition the subtrahend.
- ___ can be partitioned into ____ and ____.
- ___ minus ____ to reach 10.
- And then, minus ____ is equal to ____

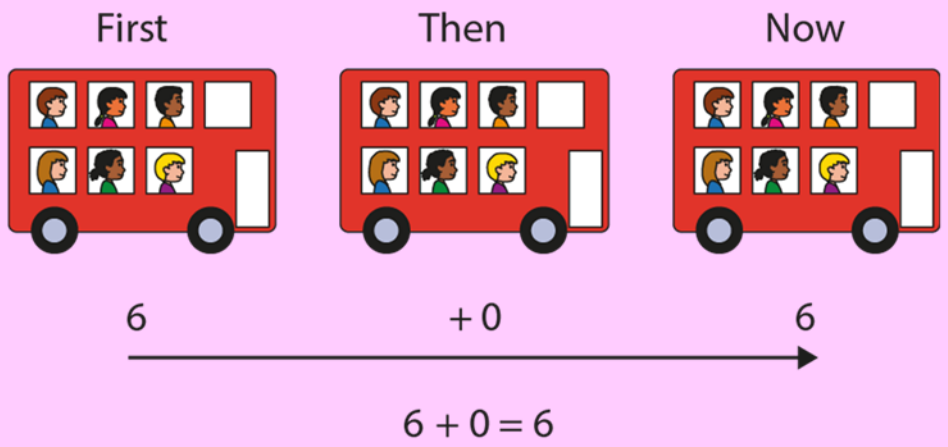

Rehearsal
Incoming Information
Sensory Memory
Working Memory
Encoding
Long-Term Memory
Retrieval
Forgotten
Forgotten

345 − 60 =

Know about Zero

When Zero is added/subtracted to a number, the number remains unchanged/the same.

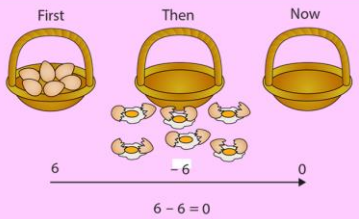
$$6 + 0 = 6$$



Know about Zero

Subtracting a number from itself gives a difference of zero.

$6 - 6 = 0$

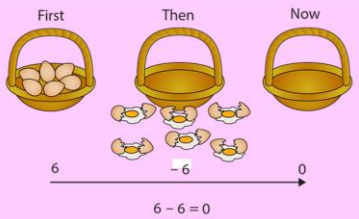


$4 - 4 = 0$

Know about Zero

Subtracting a number from itself gives a difference of zero.

$6 - 6 = 0$

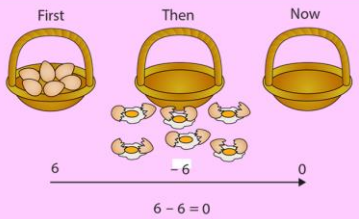


$9 - 9 = 0$

Know about Zero

Subtracting a number from itself gives a difference of zero.

$6 - 6 = 0$



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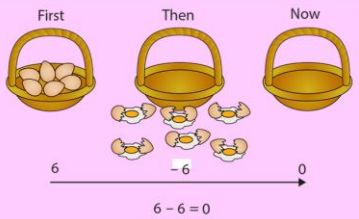
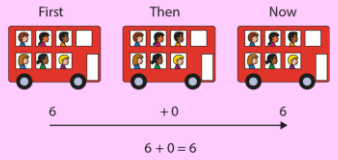


$7 - 7 = 0$

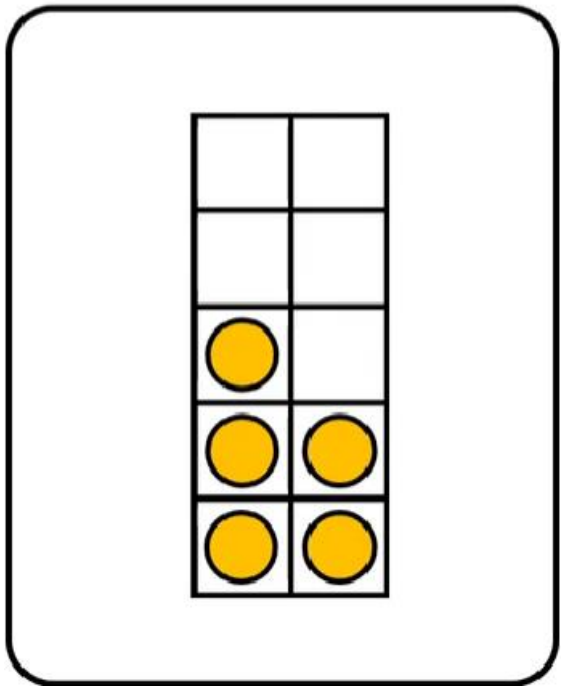
Know about Zero

When Zero is added/subtracted to a number, the number remains unchanged/the same.

$6 + 0 = 0$



5 + 0 = 5



1 More 1 Less (+1 and -1)

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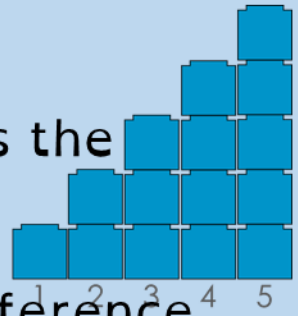
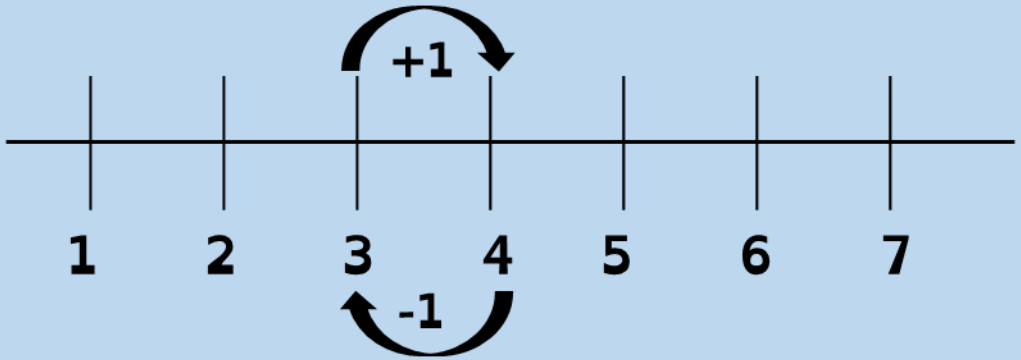


One More, One Less



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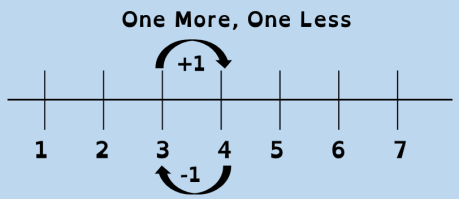
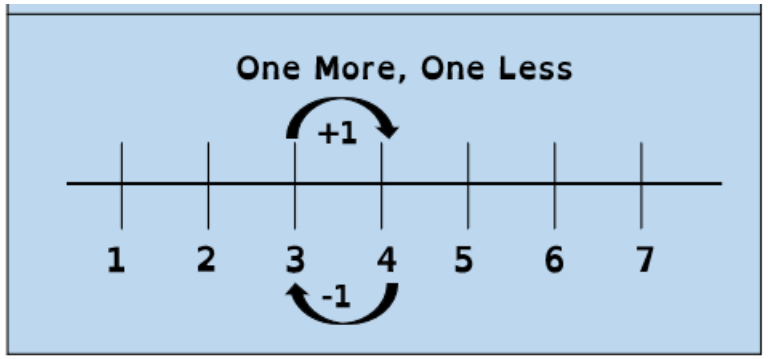


9 - 1 = 8



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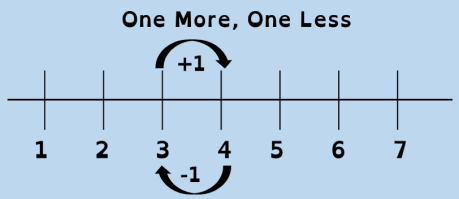
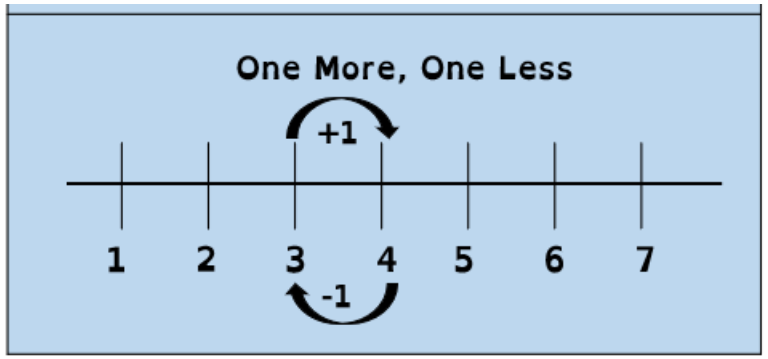


1 + 6 = 7



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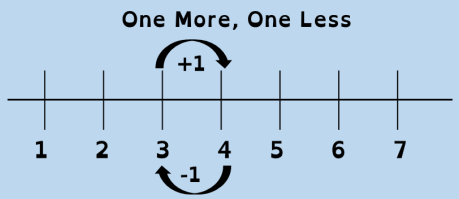
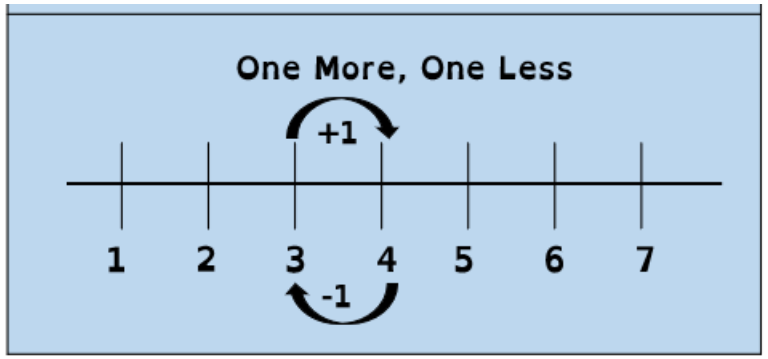


5 - 1 = 4



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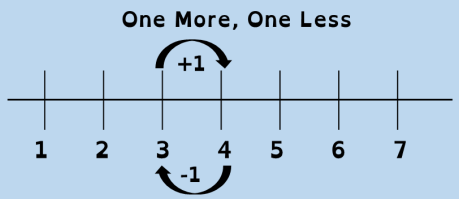
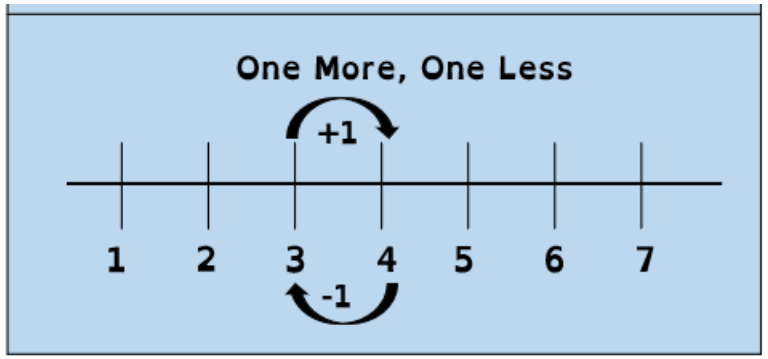


$$5 = 1 + 4$$



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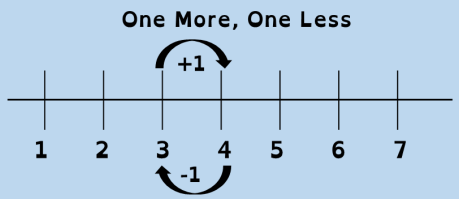
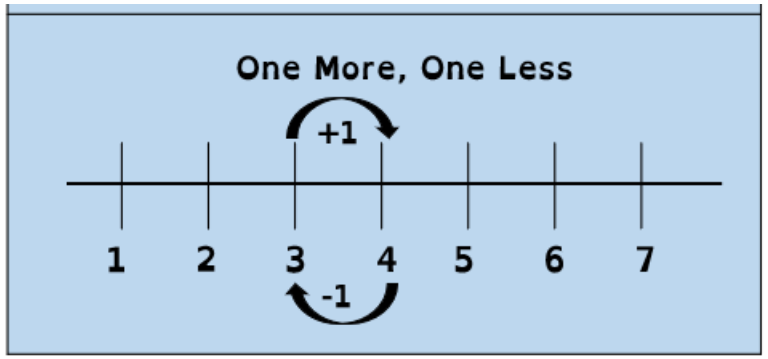
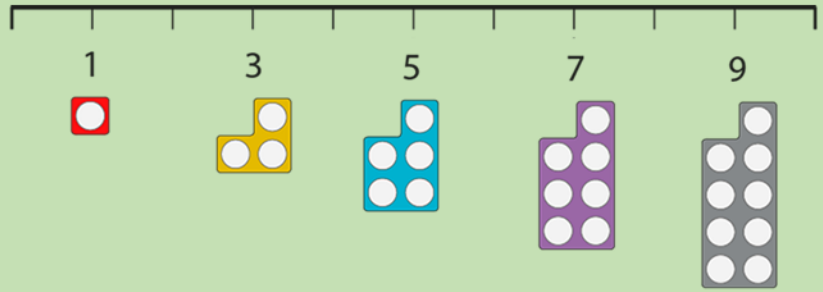


$$2 = 1 + 1$$

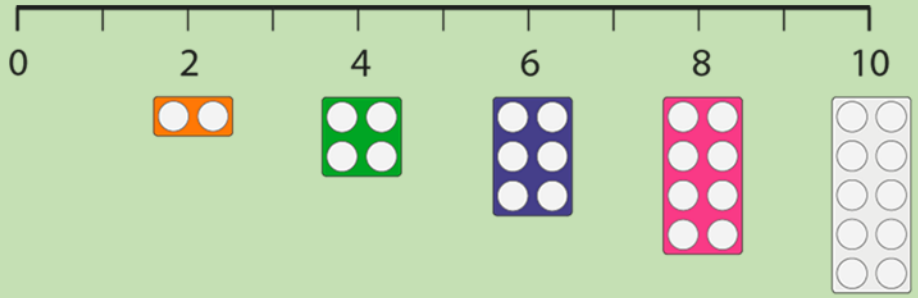


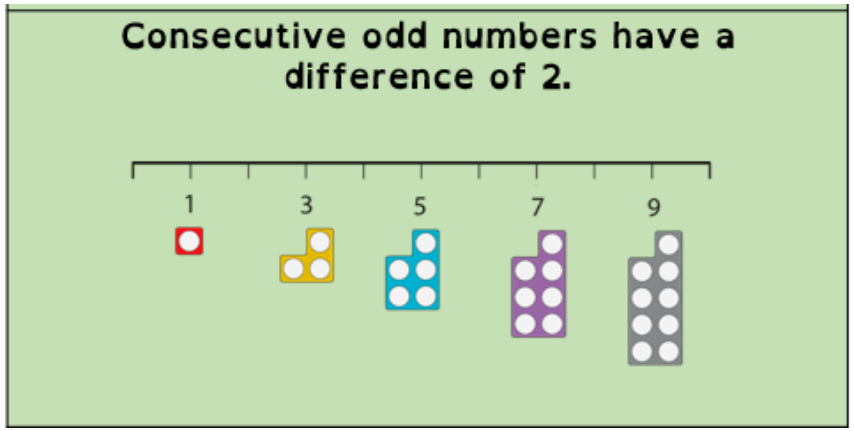
+ 2 and -2 (think odds and evens)

Consecutive odd numbers have a difference of 2.

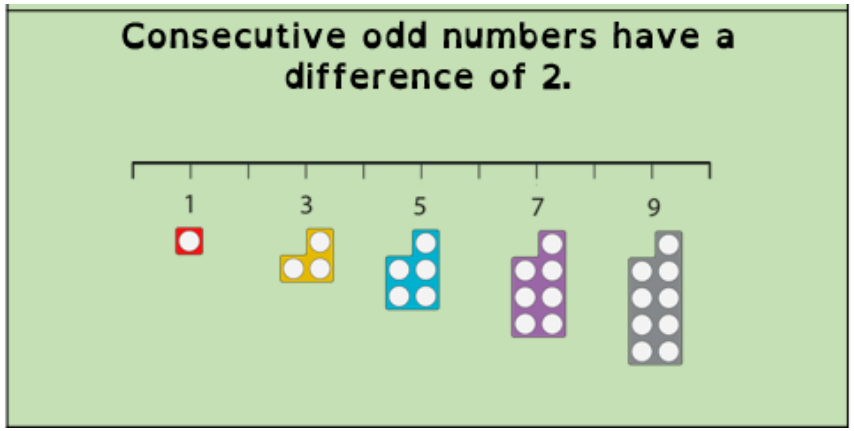


Consecutive even numbers have a difference of 2.

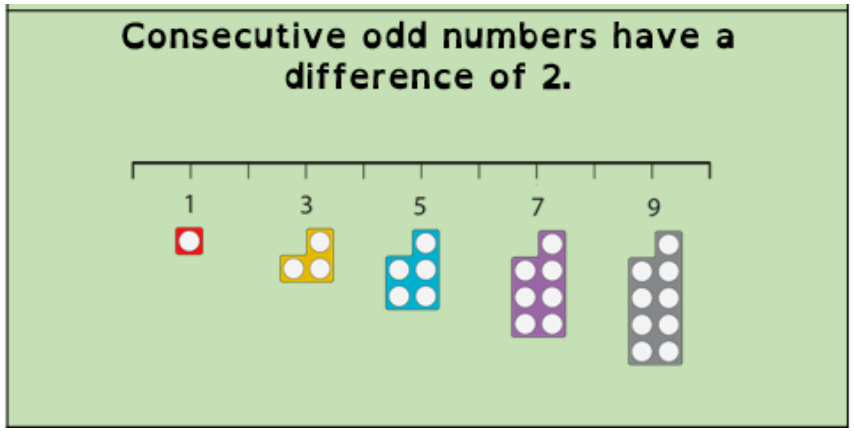




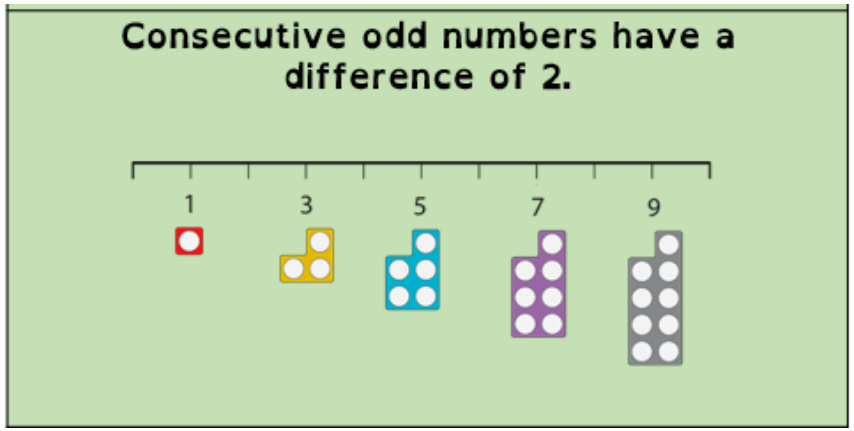
$$3 + 2 = 5$$



$$7 - 2 = 5$$



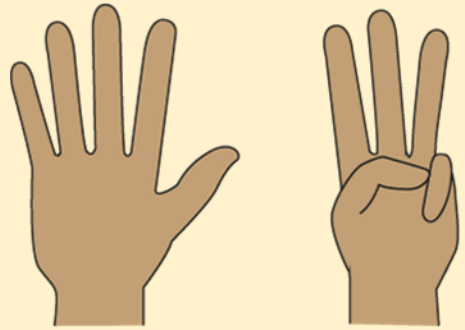
$$9 - 2 = 7$$



$$1 + 2 = 3$$

5 and a Bit

Numbers between 6 and 10 are composed of 5 and a bit.



__ is made of 5 and ___, 5 and ___ make ____.

5 and a Bit

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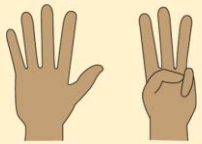


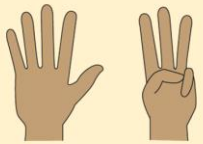
__ is made of 5 and ___, 5 and ___ make ____.

4 + 5 = 9

I know that ___ is made of 5 and _____.
So _____ - _____ is _____

5 and a Bit

Numbers between 6 and 10 are composed of 5 and a bit.



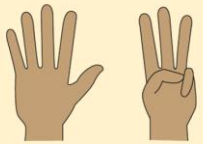
__ is made of 5 and ___, 5 and ___ make ____.

7 - 2 = 5

I know that ___ is made of 5 and _____.
So _____ - _____ is _____

5 and a Bit

Numbers between 6 and 10 are composed of 5 and a bit.



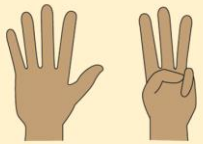
__ is made of 5 and ___, 5 and ___ make ____.

9 - 4 = 5

I know that ___ is made of 5 and _____.
So _____ - _____ is _____

5 and a Bit

Numbers between 6 and 10 are composed of 5 and a bit.



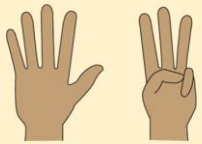
__ is made of 5 and ___, 5 and ___ make ____.

6 - 5 = 1

I know that ___ is made of 5 and _____.
So _____ - _____ is _____

5 and a Bit

Numbers between 6 and 10 are composed of 5 and a bit.



__ is made of 5 and ___, 5 and ___ make ____.

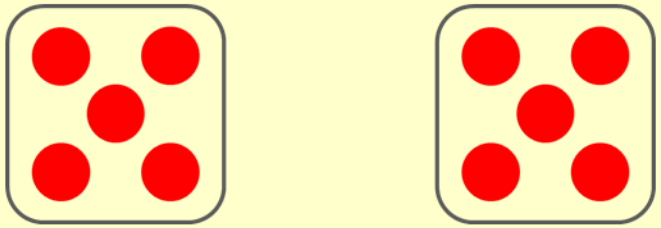
8 - 3 = 5

I know that ___ is made of 5 and _____.
So _____ - _____ is _____

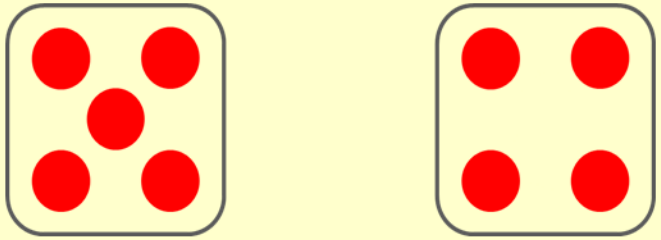
Doubles and Near Doubles

Double means two of the same.

“The same number twice”



Near doubles can be derived from previous and next doubles.

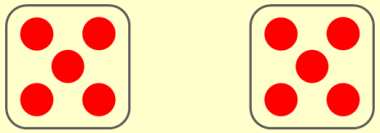


“The same number twice plus/minus 1”

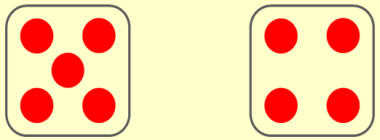
Doubles and Near Doubles

Double means two of the same.

"The same number twice"



Near doubles can be derived from previous and next doubles.

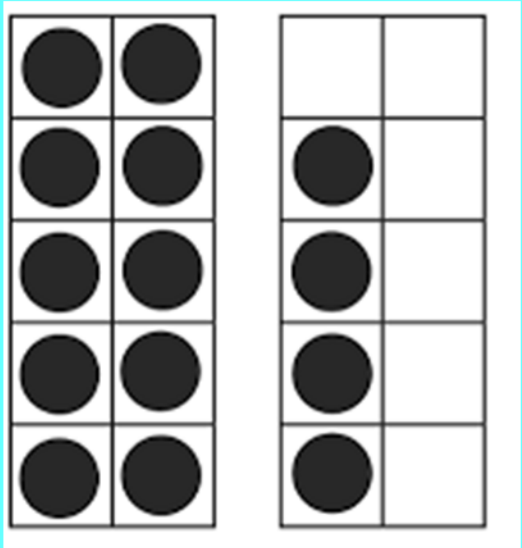


"The same number twice plus/minus 1"

6 + 5 = ____	7 + 6 = ____	5 + 4 = ____
8 + 7 = ____	9 + 8 = ____	2 + 1 = ____
3 + 2 = ____	4 + 3 = ____	7 + 6 = ____
2 + 1 = ____	3 + 2 = ____	5 + 4 = ____
9 + 8 = ____	6 + 5 = ____	8 + 7 = ____

10 and a Bit

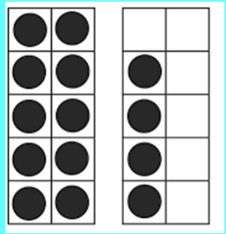
Numbers between 11 and 20 are made of 10 and a bit.



__ is made of 10 and ___, 10 and ___ make ____.

10 and a Bit

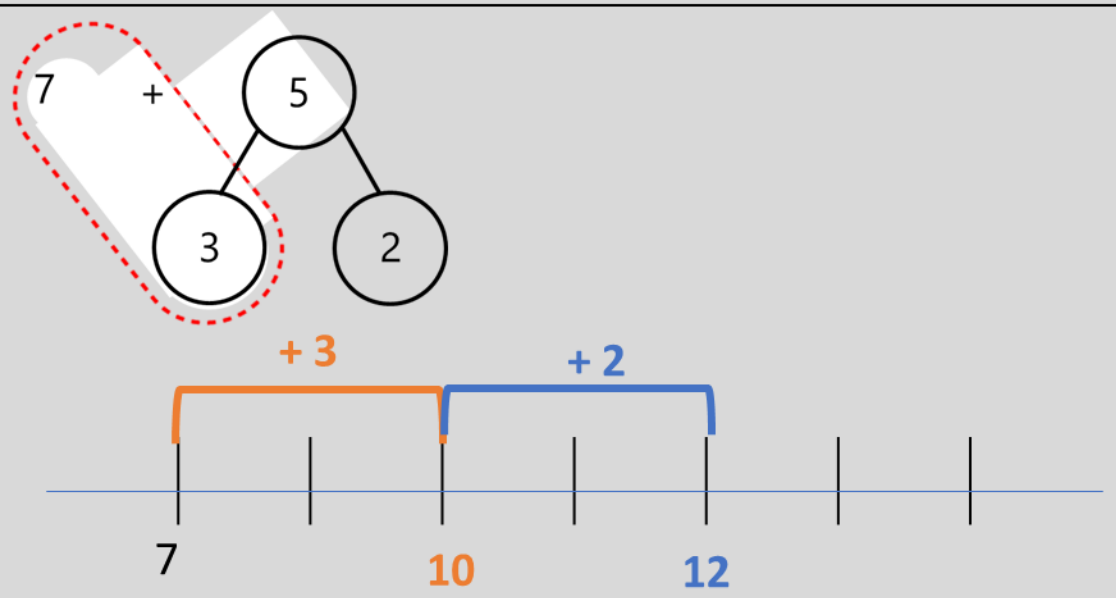
Numbers between 11 and 20 are made of 10 and a bit.



__ is made of 10 and ___, 10 and ___ make ____.

13 - 10 = _____	2 + 10 = _____	13 - 3 = _____
10 + 7 = _____	17 - 10 = _____	3 + 10 = _____
10 + 9 = _____	10 + 10 = _____	9 + 10 = _____
18 - 10 = _____	10 + 4 = _____	12 - 10 = _____
0 + 10 = _____	20 - 10 = _____	14 - 10 = _____

Make 10 and then…



- First I partition _____.
- ___ can be partitioned into ____ and ____.
- ___ plus ____ to make 10.
- And then, ten plus ____ is equal to ____

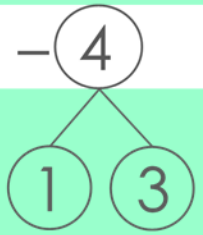
8 + 6 =

18 + 6 =

108 + 6 =

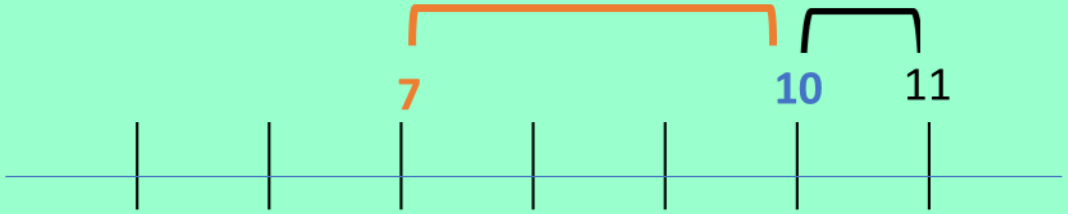
Reach 10 and then…

1) 11 − 4



2) Subtract __ to reach 10.

3) And then, subtract ___ -3 -1



- First I partition the subtrahend.
- ___ can be partitioned into ____ and ____.
- ___ minus ____ to reach 10.
- And then, minus ____ is equal to ____

13 + 6 =

33 + 6 =

1230 - 60 =

2	3	4	8	9	7	
	4	5	9	9	6	-