

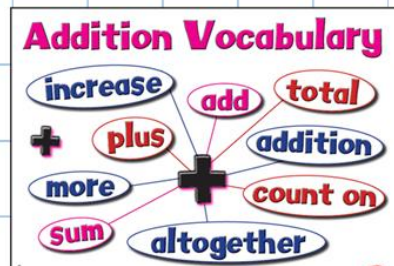
Year 1 Calculation Evening Tuesday 20th November



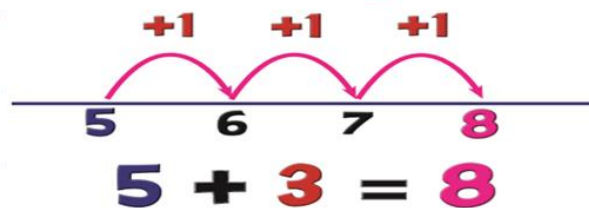
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Addition



A2: Counting On



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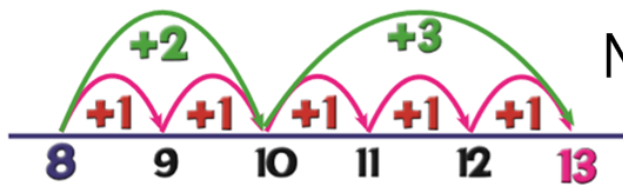
Start with the biggest number (easier to add the smaller number)

Jump on
Label the jumps



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A2a: Counting On Bridging 10



Mental Calculation*

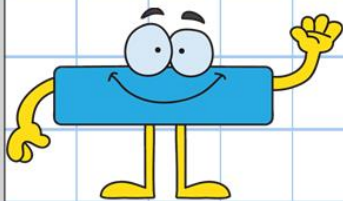
$$8 + 5 = 13$$

Important Skills-

partitioning a number to use the number bonds to 10

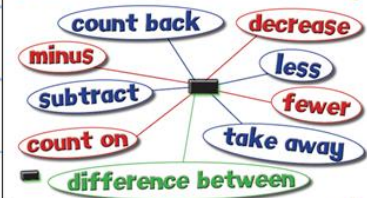
counting forwards

labelling the jumps carefully



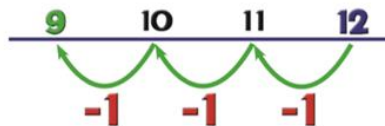
Subtraction

Subtraction Vocabulary



Subtraction is the inverse of addition so everything we do is the opposite.

S3: Counting Back



$$12 - 3 = 9$$

"What do I get if I take 3 away from 12? Answer: 9"

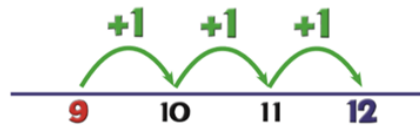
Start with the biggest number

Bounce back

Label the jumps



S4: Counting On

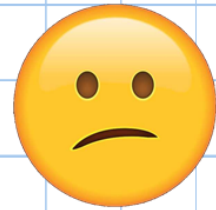


$$12 - 9 = 3$$

"How many more is 12 than 9? What is the difference?"

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Mental Calculation*



Start with the smallest number

Bounce forward

Label the jumps

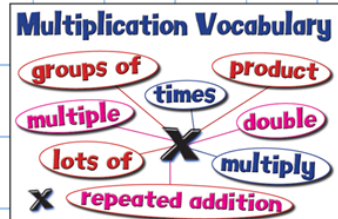
Important!!

Knowing that it would be quicker to count on from 9 to 12 (3 jumps) rather than subtracting 9 from 12 (9 jumps)

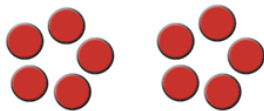
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Multiplication Practical work



(M1: Groups)



"2 groups of 5 counters makes 10 counters altogether"

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M1: Repeated Addition
(Groups)



$$5 \times 3 = 5 + 5 + 5 = 15$$

"5 multiplied by 3" means "5, 3 times", which gives "3 lots of 5!"

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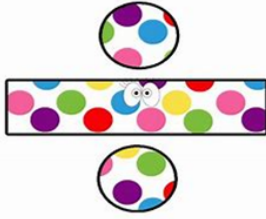
Arrange the objects into groups



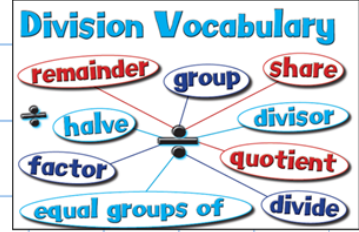
Knowing that multiplication is the same as addition done over and over again.

x2 x5 x10

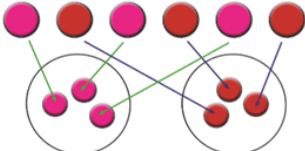




Division



D1: Sharing (Concept)



"If I share 6 into 2 equal amounts, how many in each group?" Answer: 3

D2: Grouping (Concept)



"How many groups of 2 can I make out of 6?" Answer: 3



Draw the groups
share the objects
How many in each group?

[Extend Page](#)



Put the objects into a
group
How many groups?