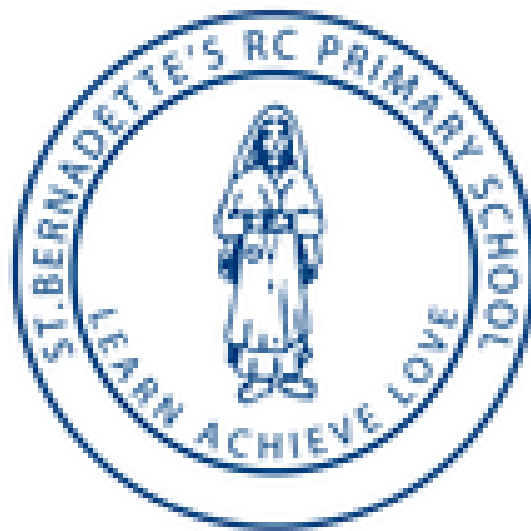


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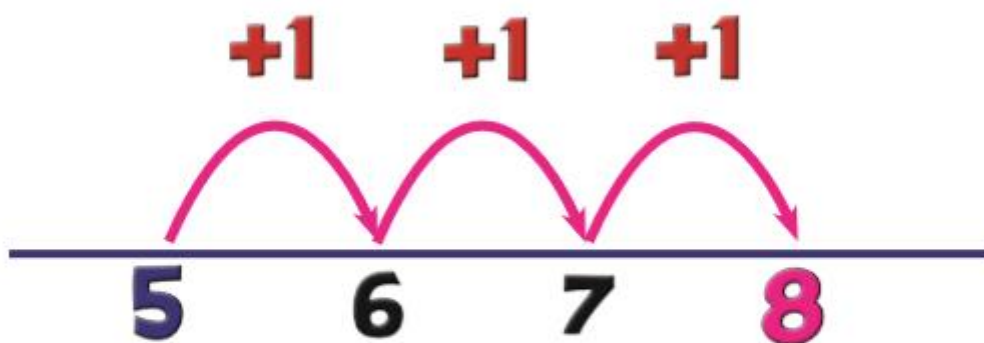
Calculation Methods

Year 1



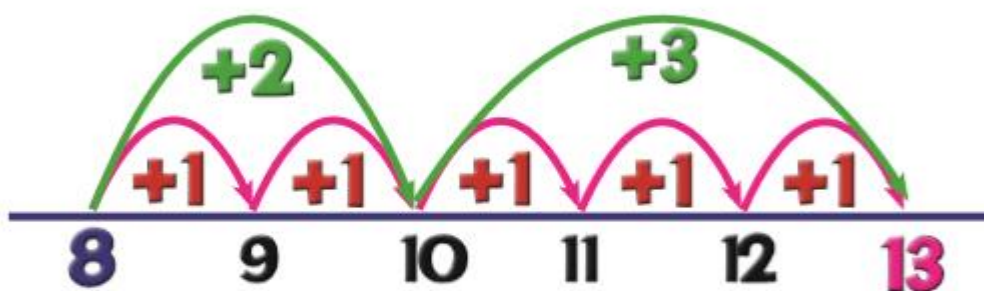
Addition

A2: Counting On



$$5 + 3 = 8$$

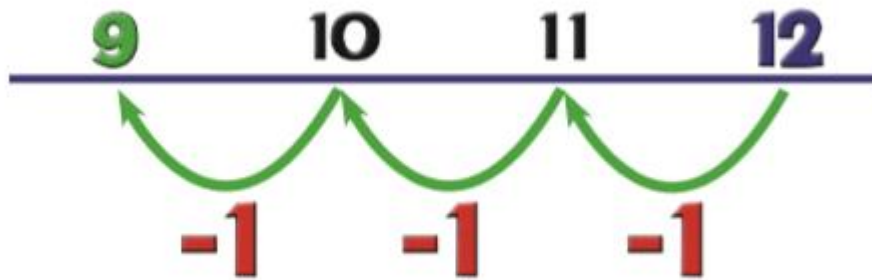
A2a: Counting On Bridging 10



$$8 + 5 = 13$$

Subtraction

S3: Counting Back



$$12 - 3 = 9$$

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

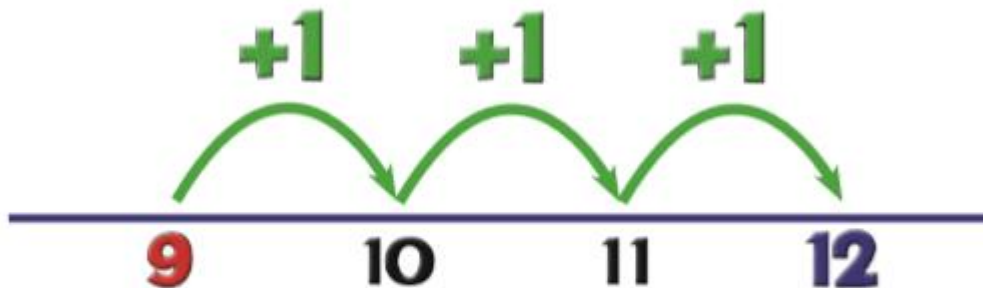


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S4: Counting On



$$12 - 9 = 3$$

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



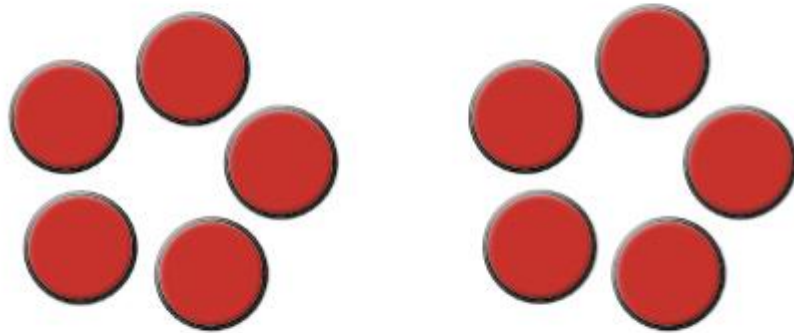
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Multiplication

(M1: Groups)



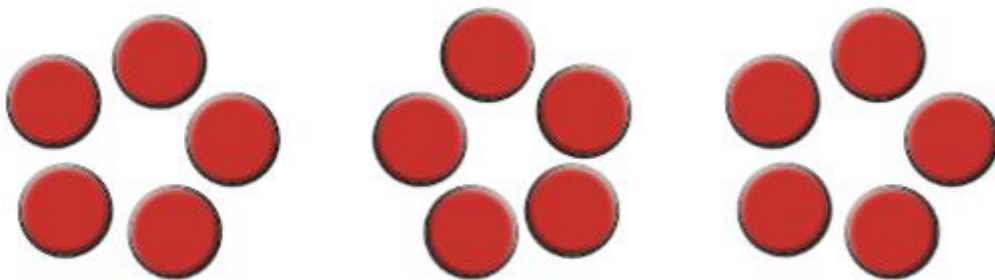
"2 groups of 5 counters makes 10 counters altogether"

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M1: Repeated Addition

(Groups)



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

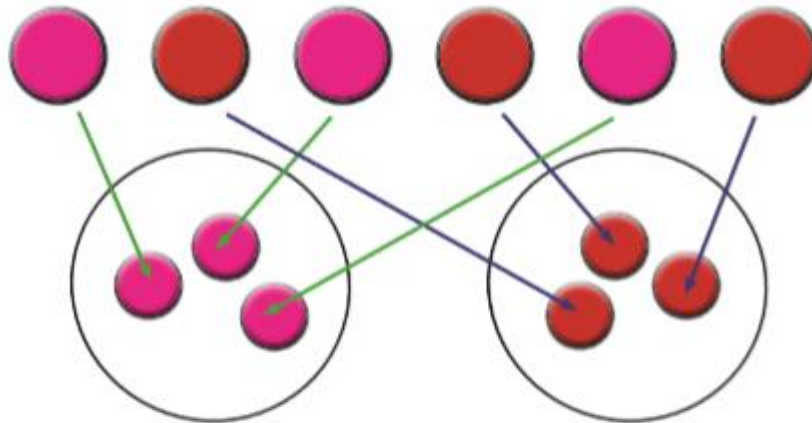
"5 multiplied by 3" means "5, 3 times", which gives "3 lots of 5!"

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Division

D1: **Sharing** (Concept)



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



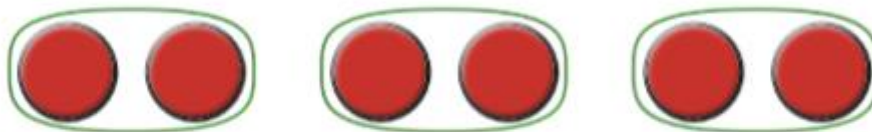
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D2: **Grouping** (Concept)



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



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