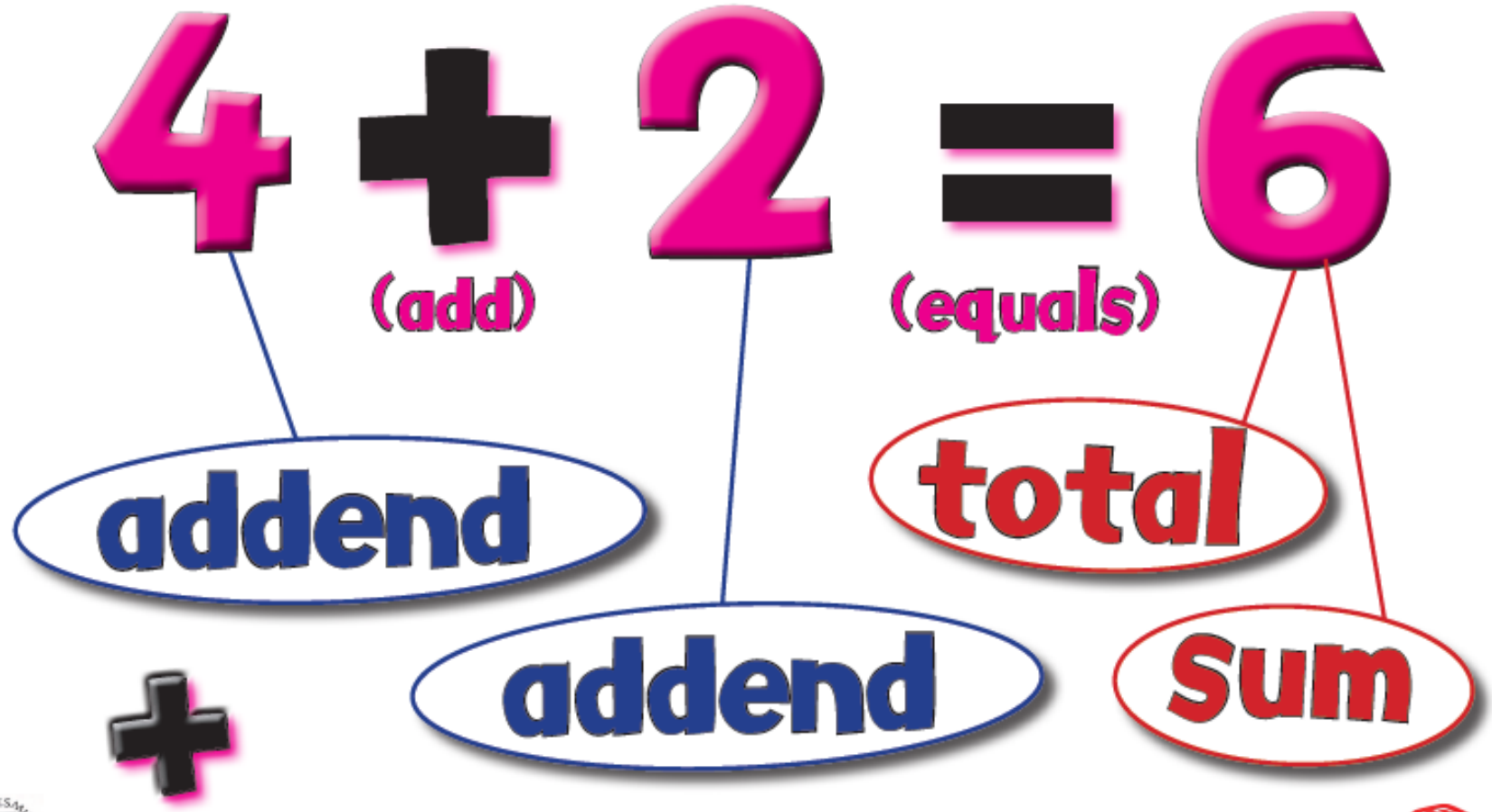
Calculations

Year 1

Addition

Addition Calculation



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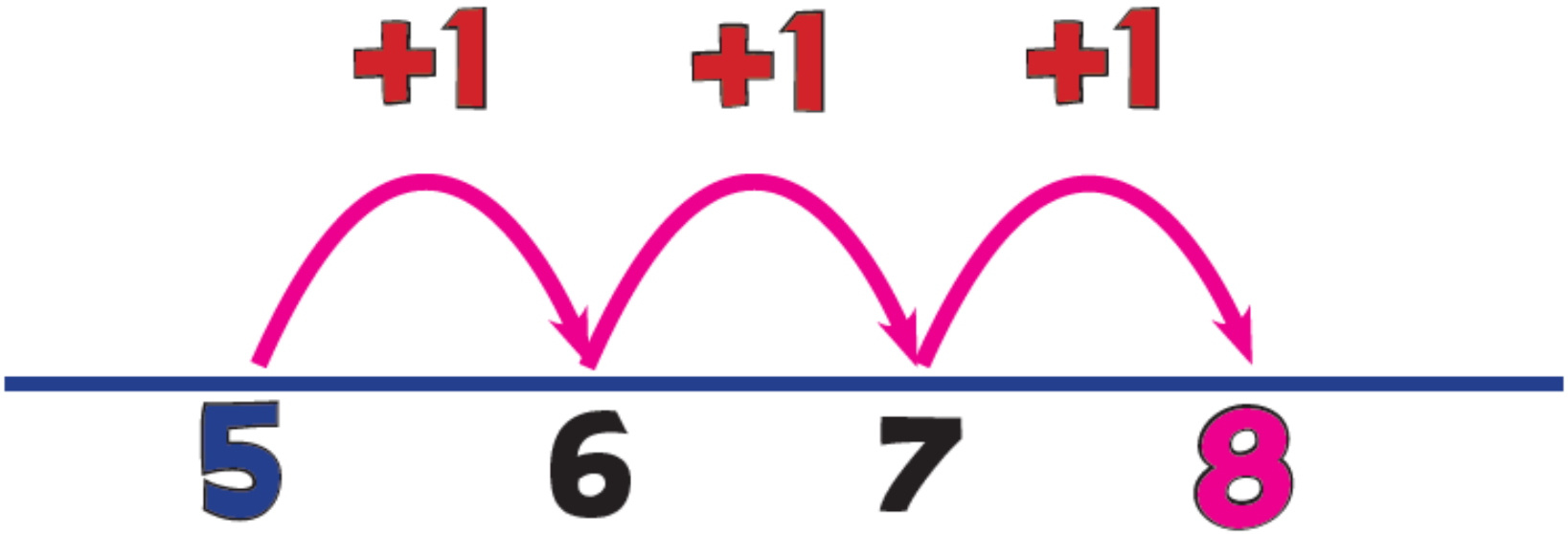
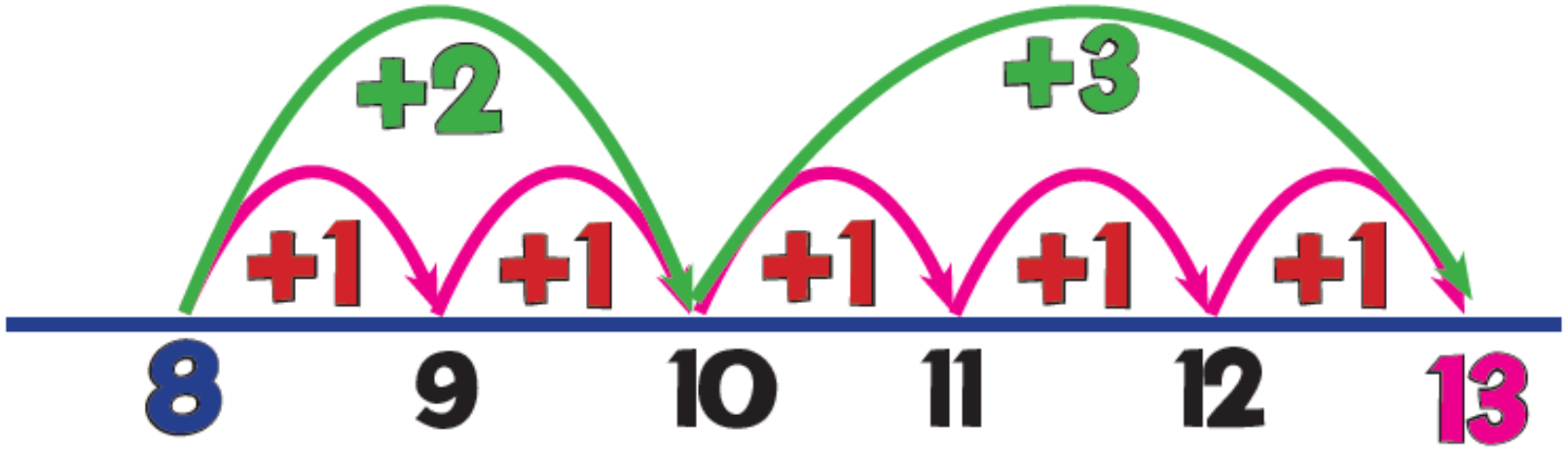
A2: Counting On



$$5 + 3 = 8$$

A2a: Counting On

Bridging 10



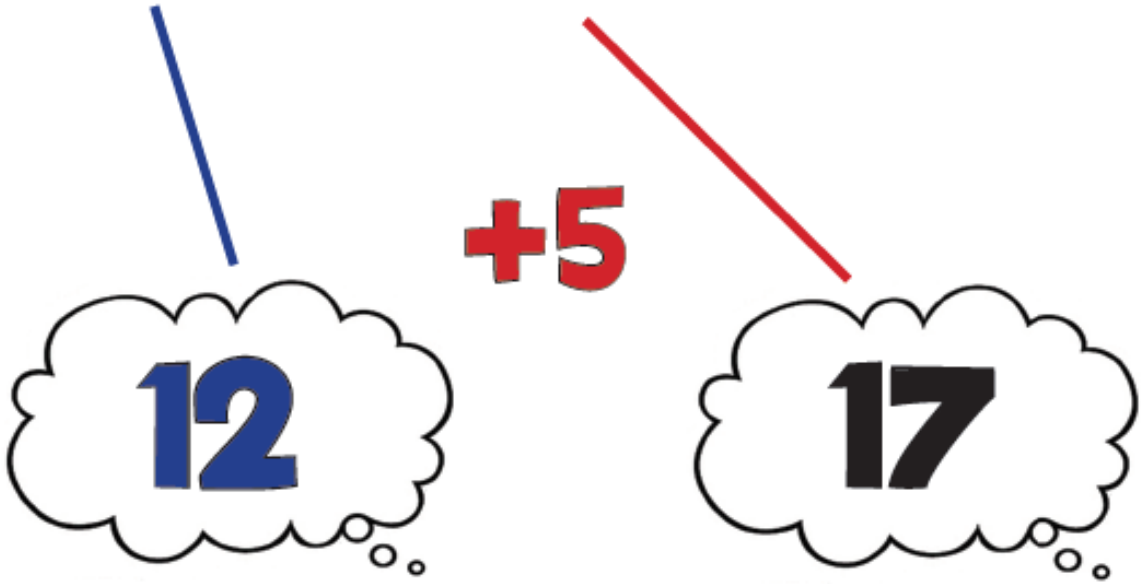
8 + 5 = 13

MA2a: Counting On

Year 1

Ones

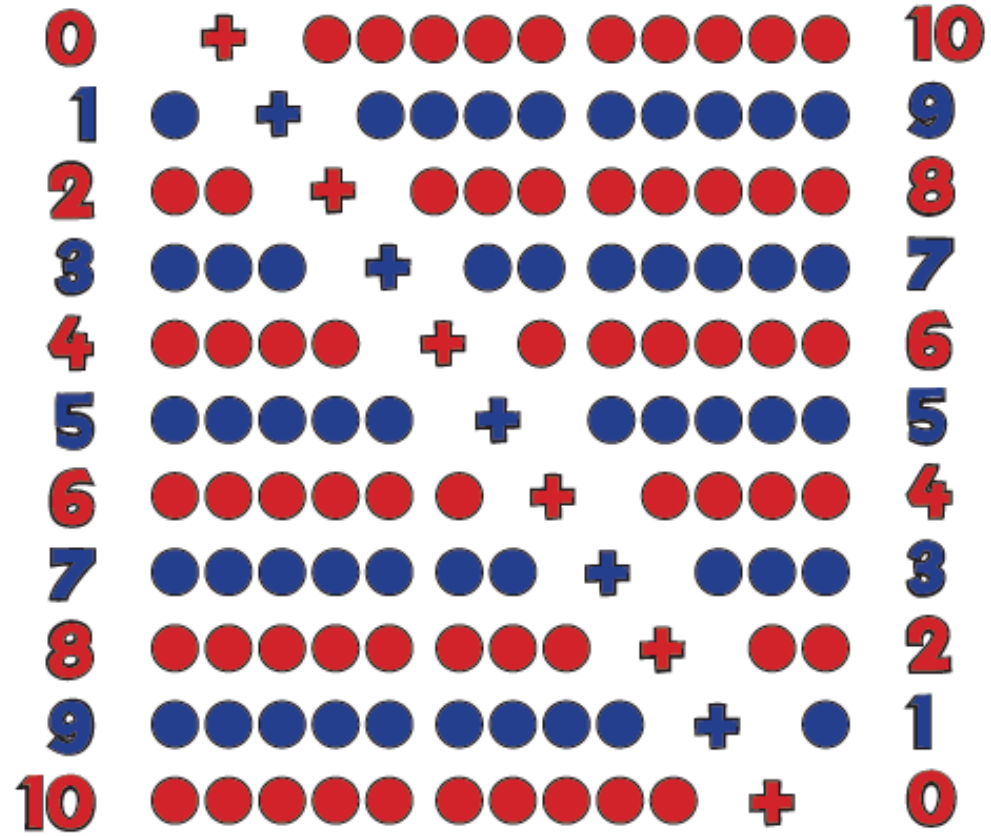
12 + 5 = 17



MA3: Number Bonds

Year 1

Learn Bonds



0 + 10 = 10
1 + 9 = 10
2 + 8 = 10
3 + 7 = 10
4 + 6 = 10
5 + 5 = 10
6 + 4 = 10
7 + 3 = 10
8 + 2 = 10
9 + 1 = 10
10 + 0 = 10

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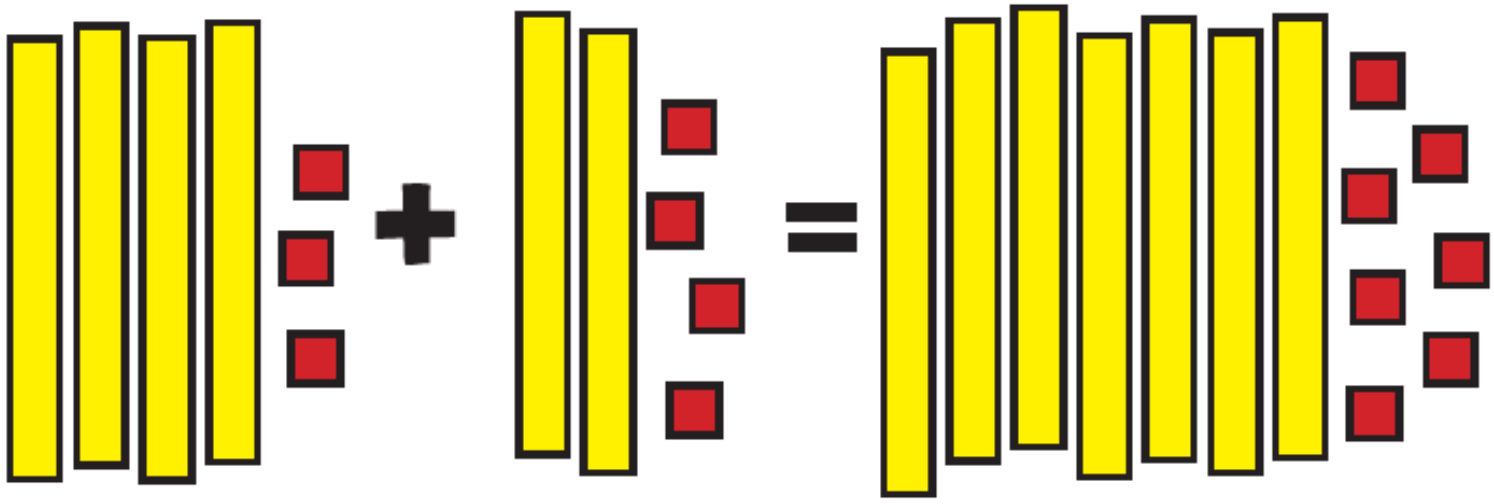
A: Base 10

43 + 24 = 67



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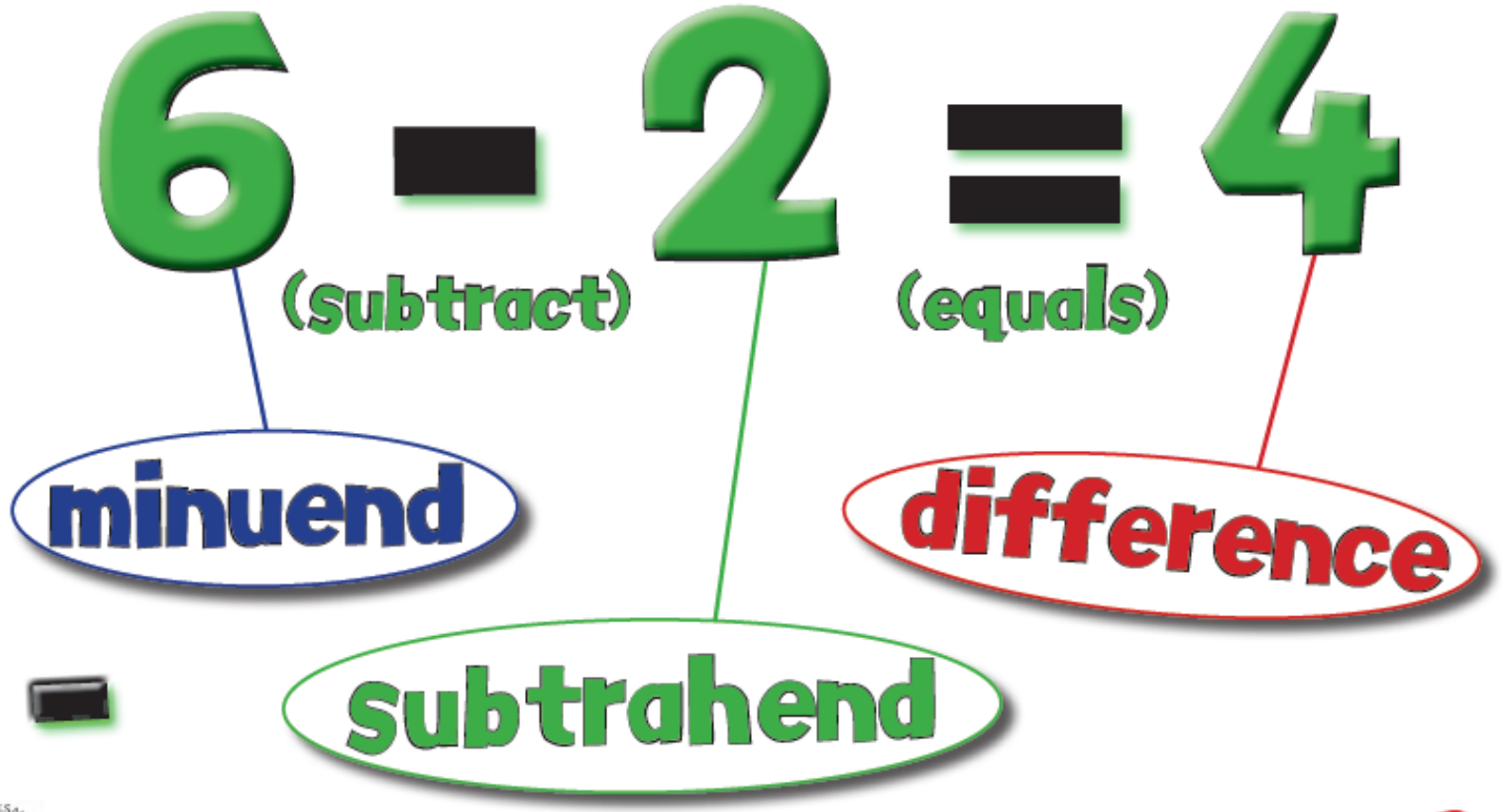
Subtraction

Subtraction Calculation



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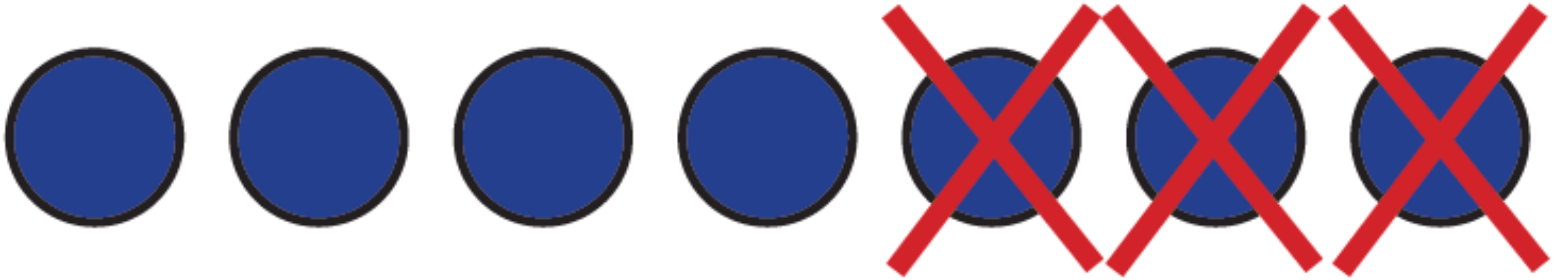
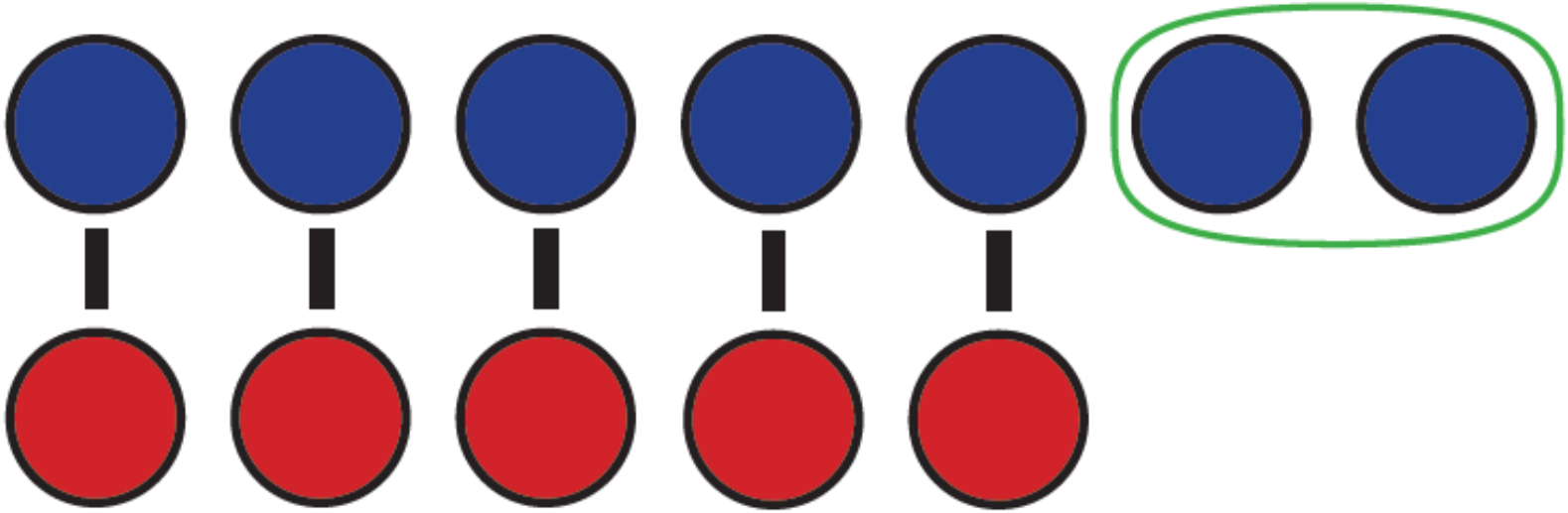
S1: Objects



7 - 3 = 4

"What do I get if I take 3 away from 7? Answer: 4"

S2: What's the Difference?



7 - 5 = 2

"How many more is 7 than 5? What is the difference?"

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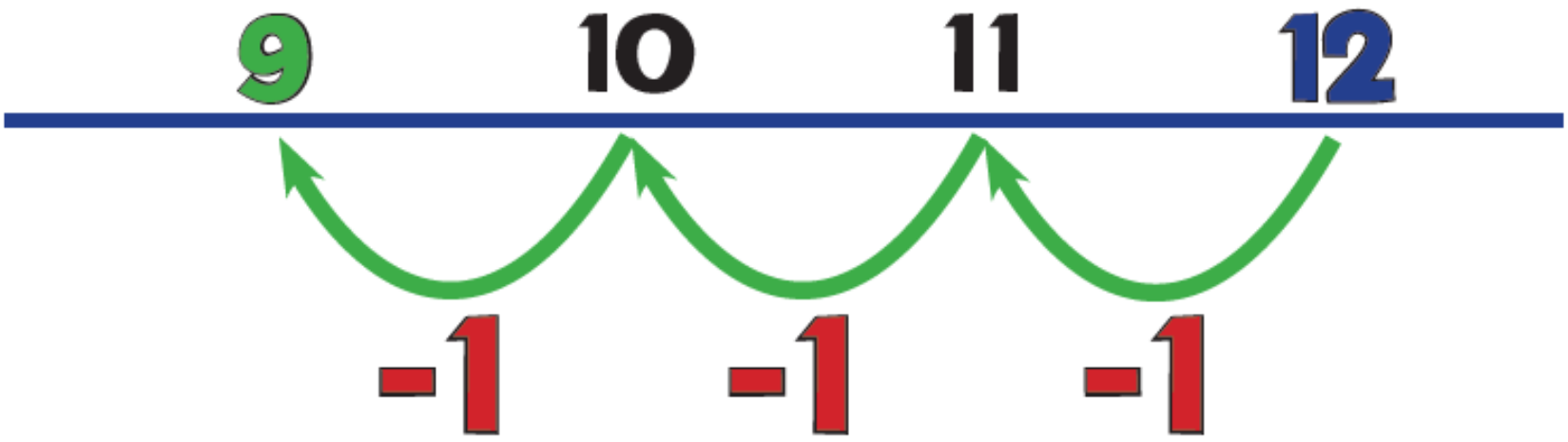
S3: Counting Back

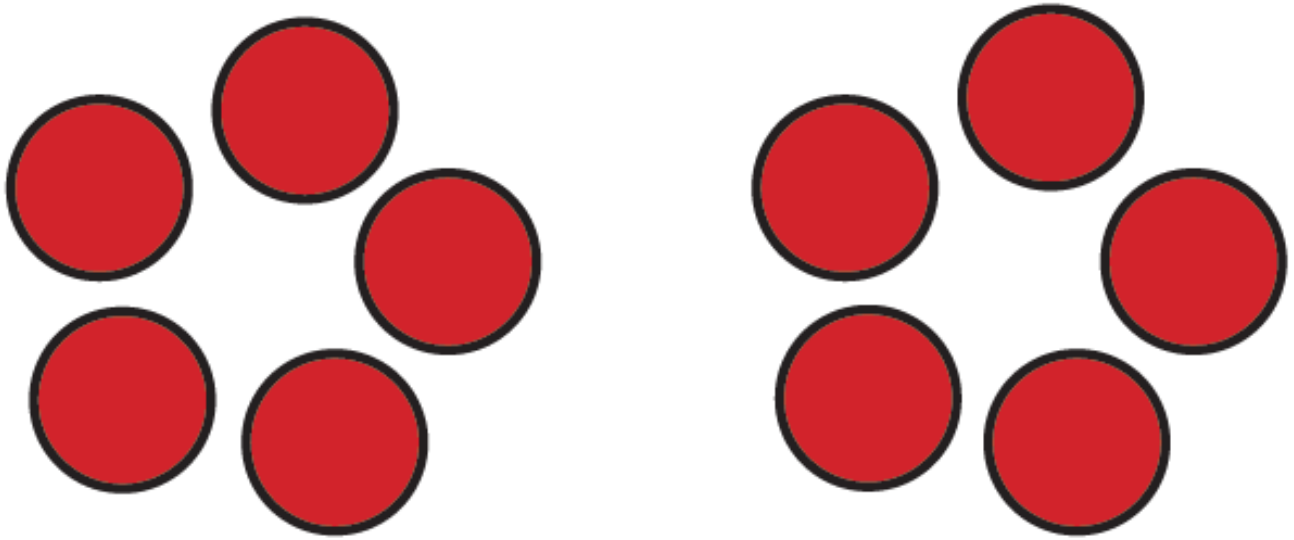


12 - 3 = 9

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

Multiplication

(M1: Groups)



"2 groups of 5 counters makes 10 counters altogether"

M1: Repeated Addition
(Groups)

5 x 3 = 5 + 5 + 5 = 15

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

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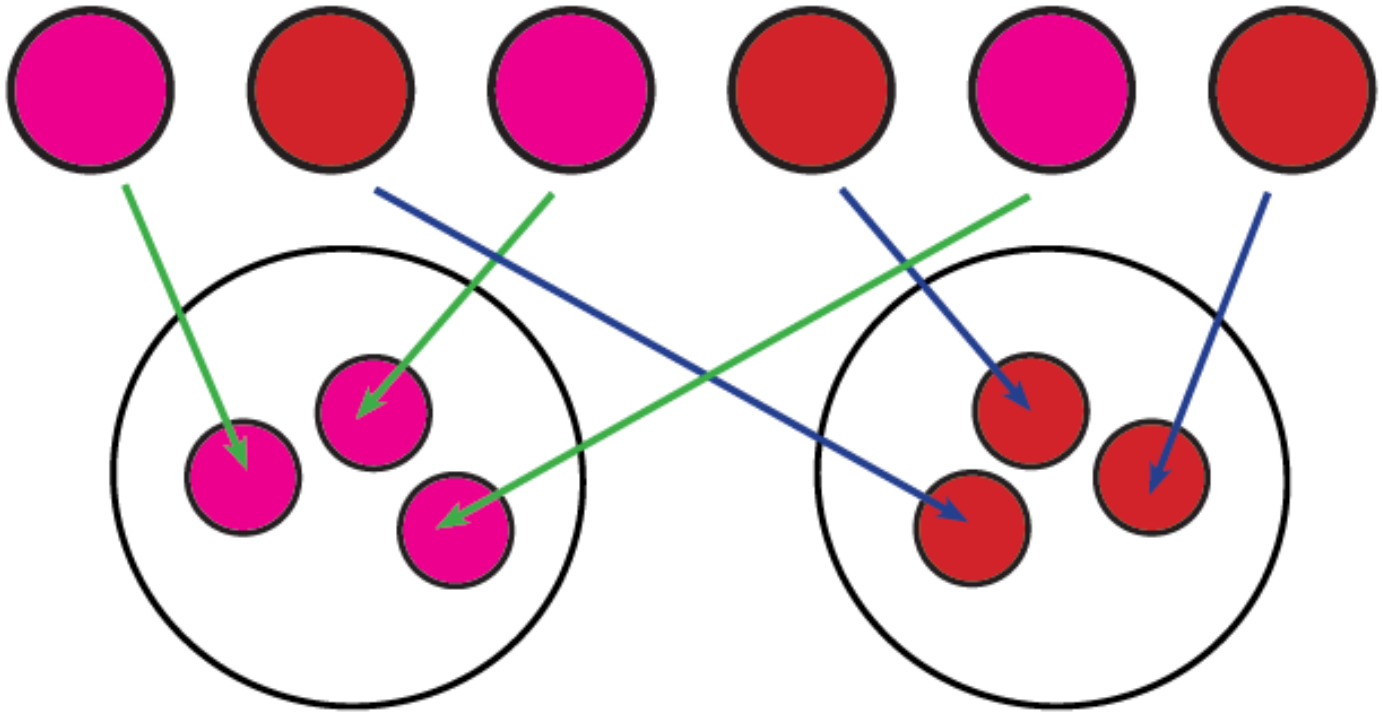
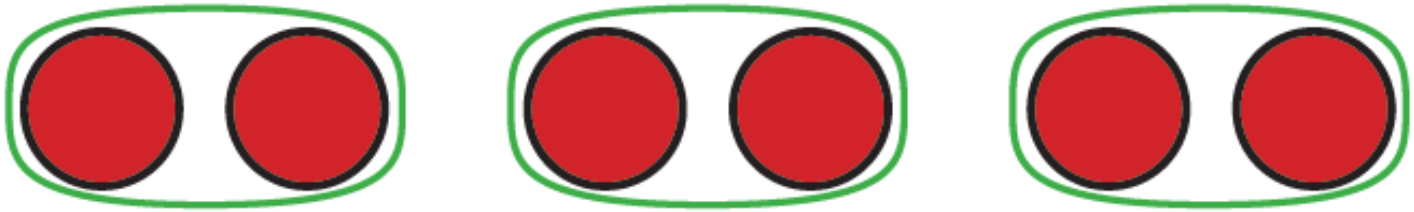
Division

D1: Sharing (Concept)



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

D2: Grouping (Concept)

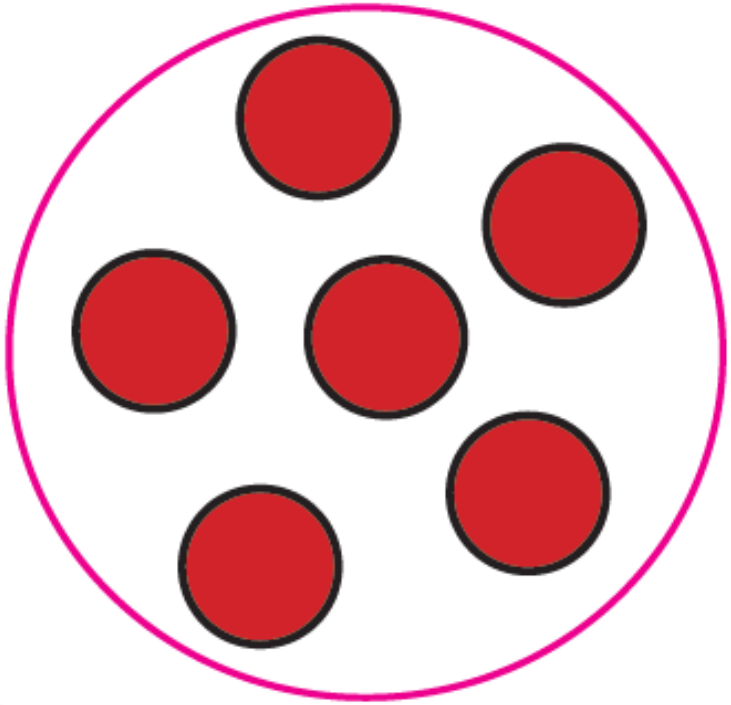


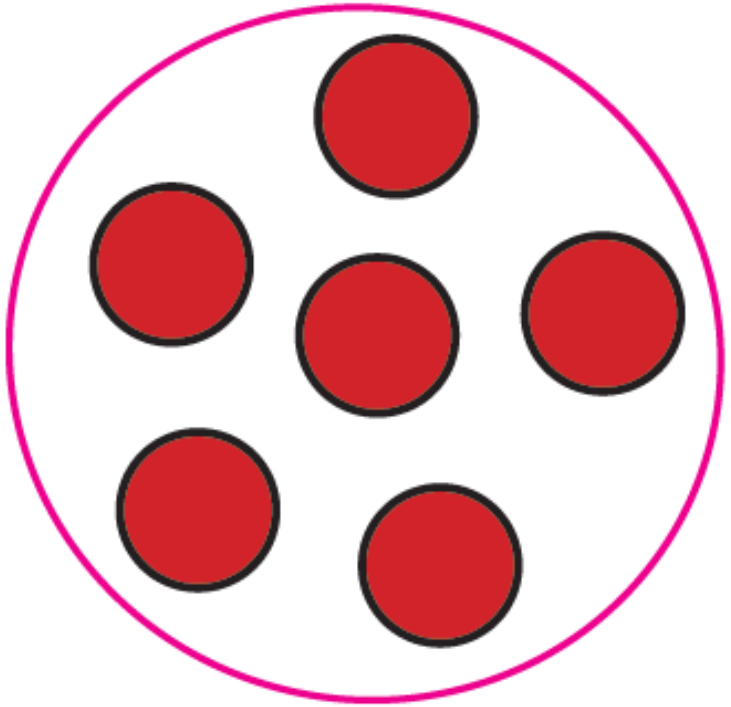
"How many groups of 2 can I make out of 6?
Answer: 3

D3: Division as Sharing

12 ÷ 2 = 6

"If I share 12 into 2 equal amounts, how many in each group?" Answer: 6





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D4: Division as Grouping

12 ÷ 2 = 6

"How many groups of 2 can I fit in 12?"
Answer: 6