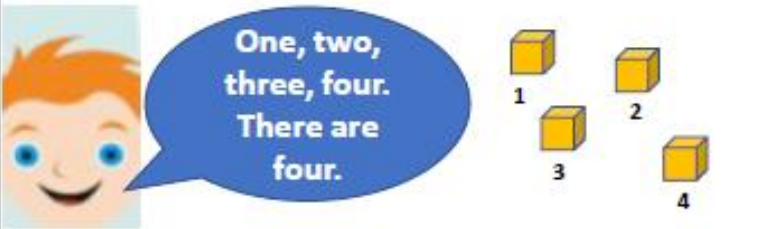
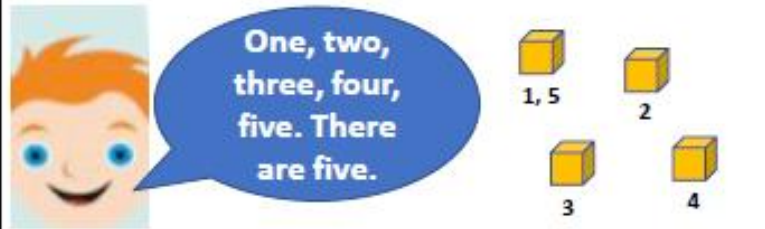
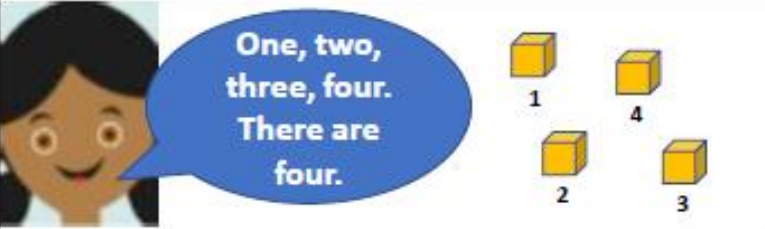
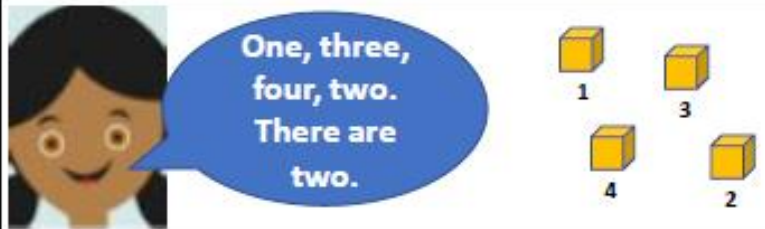
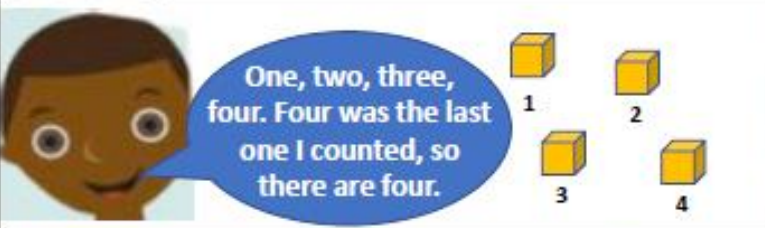
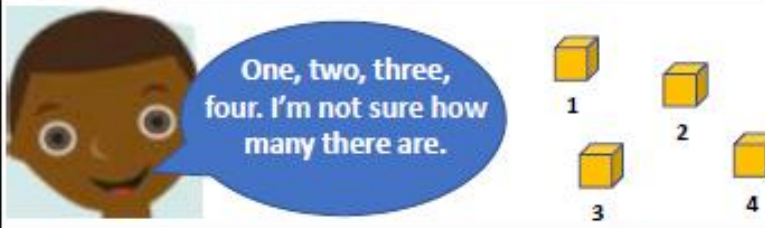
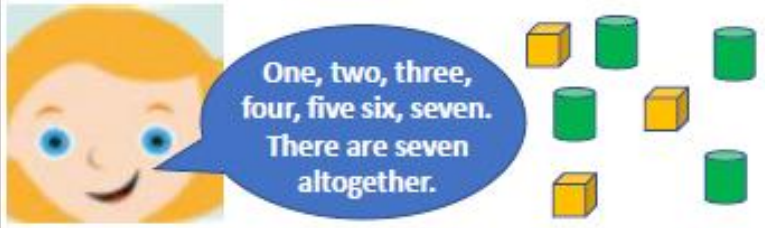
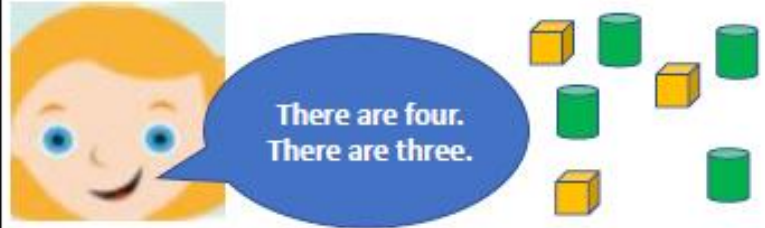
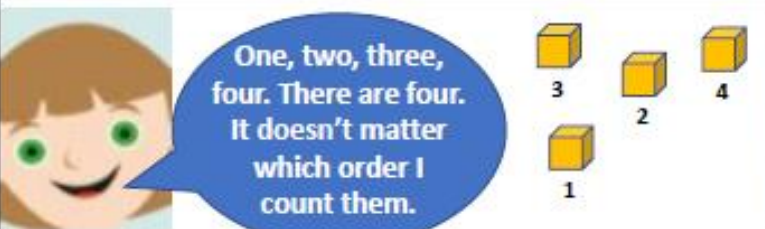



Maths at BVPS

- 1) Maths in Reception
- 2) Preparing for Year 1
- 3) How your child can achieve and enjoy

Counting

| COUNTING SKILL | SECURE | NOT YET SECURE |
|---|--|--|
| ONE-TO-ONE (Count each thing once) |  <p>One, two, three, four. There are four.</p> |  <p>One, two, three, four, five. There are five.</p> |
| STABLE-ORDER (The order of number names doesn't change) |  <p>One, two, three, four. There are four.</p> |  <p>One, three, four, two. There are two.</p> |
| CARDINALITY (The last number you count is how many there are) |  <p>One, two, three, four. Four was the last one I counted, so there are four.</p> |  <p>One, two, three, four. I'm not sure how many there are.</p> |
| ABSTRACTION (You can count anything but they don't have to be the same) |  <p>One, two, three, four, five six, seven. There are seven altogether.</p> |  <p>There are four. There are three.</p> |
| ORDER-IRRELEVANCE (We can count by starting with any item in a set) |  <p>One, two, three, four. There are four. It doesn't matter which order I count them.</p> |  <p>You have to count like we read – from left to right.</p> |

Digit
and then number
recognition



Developing the
whole child
(not just the mathematician)





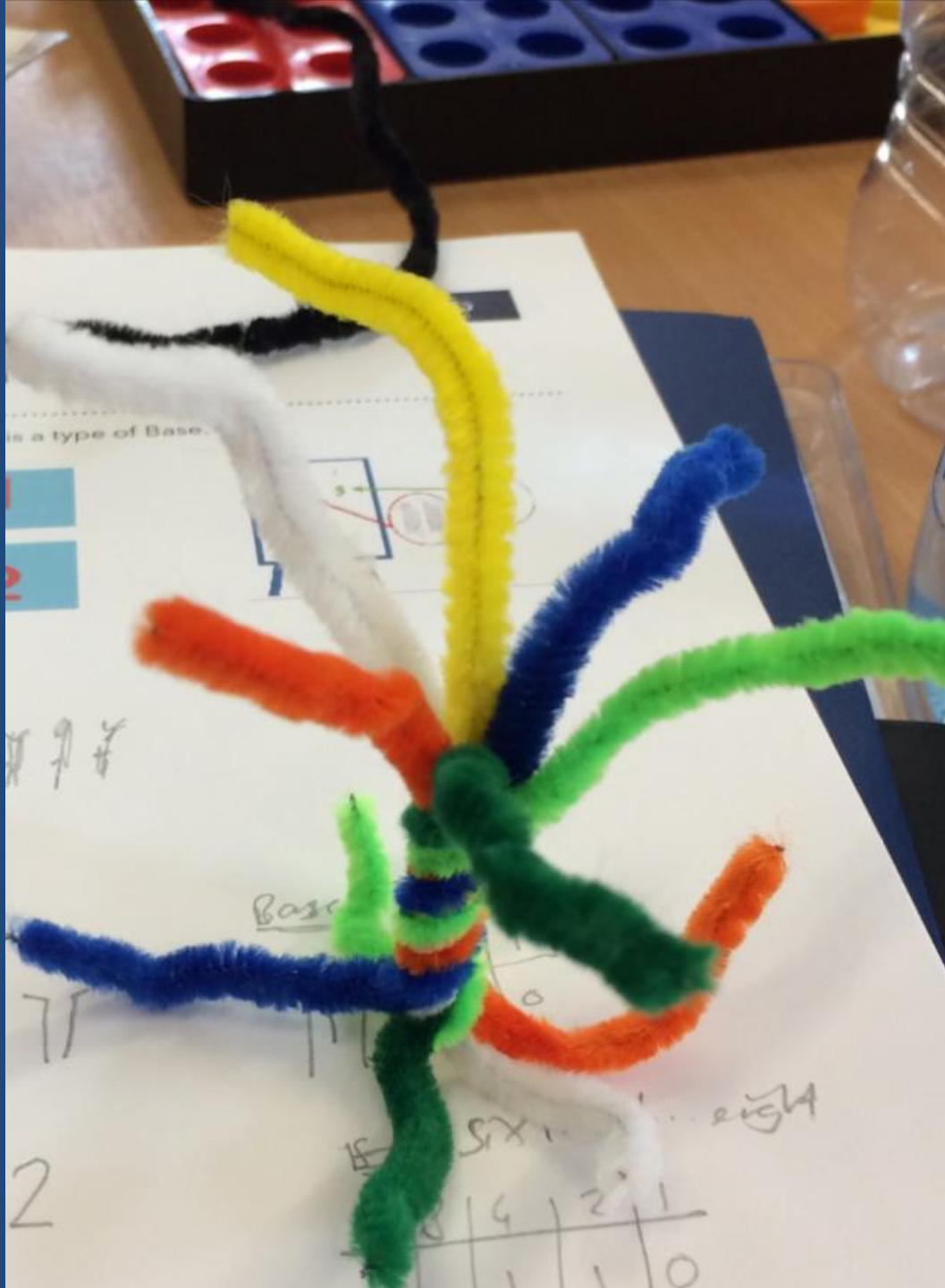
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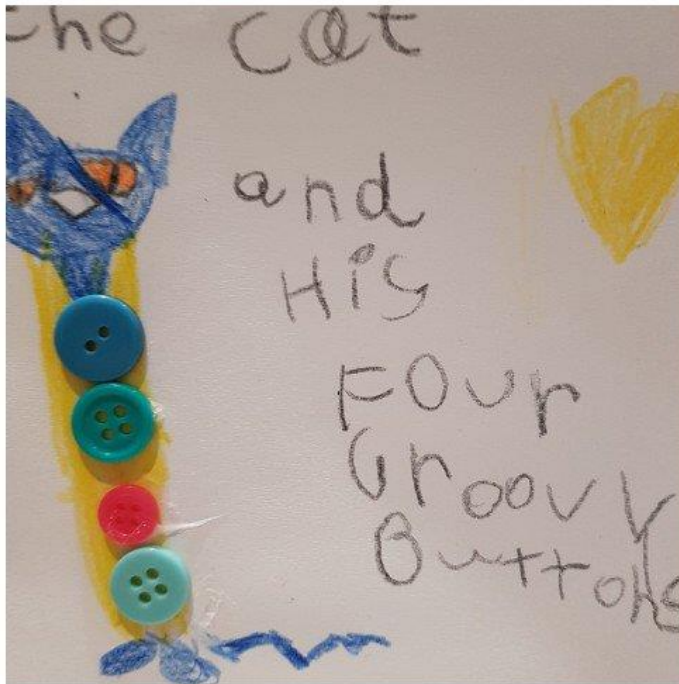
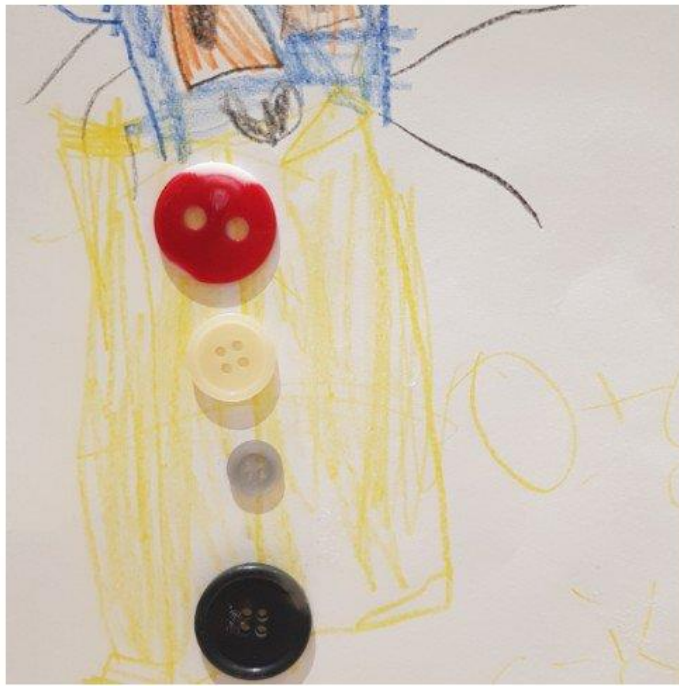
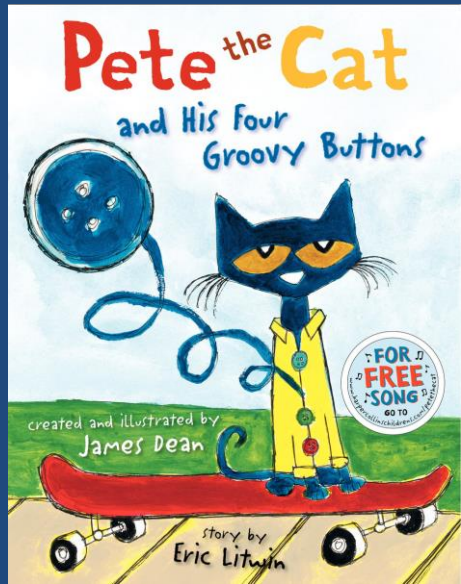
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9

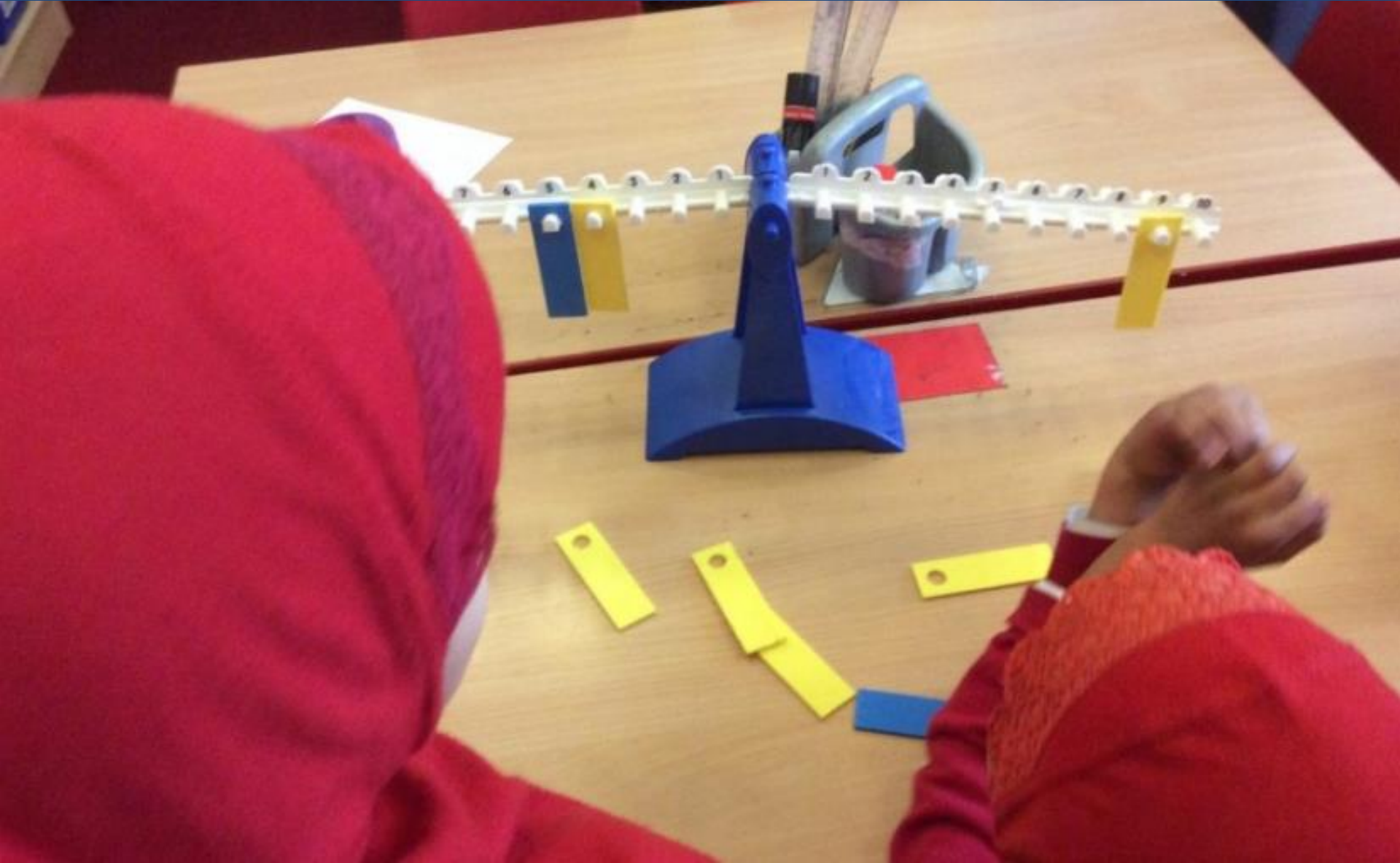
10







What does = mean?





Erikson Early Math ... · Jan 25

Parents should alter their bedtime ritual to include math, study suggests.

Bedtime math boost kids' math learning via [@NewsfromScience: sciencemag.org/news/2015/10/b...](#)

[#earlyed](#) [#ECEchat](#) [#parenting](#)
[#parents](#)



Number
BLOCKS

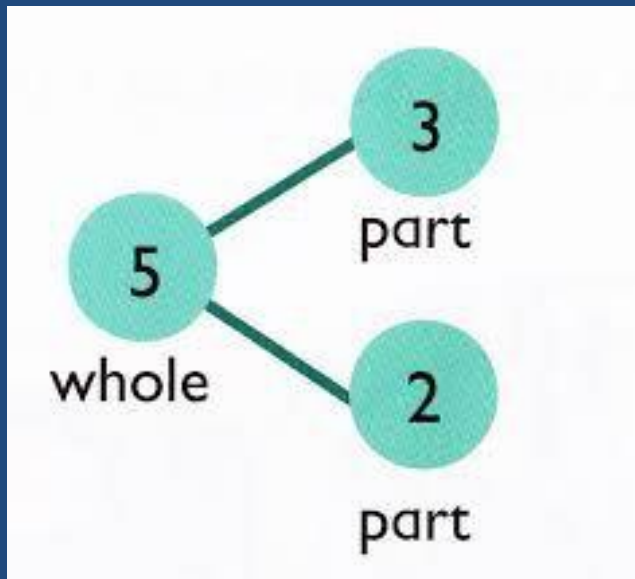
The logo consists of the word "Number" in a multi-colored, rounded font (N: red, U: orange, m: yellow, b: green, e: blue, r: purple) and the word "BLOCKS" in blue block letters with white text. A red, square-shaped character with a large black eye, a smiling mouth, and two brown arms is positioned in the center, overlapping the "B" and "C" of "BLOCKS". The entire logo is set against a light blue sky and green grass background.

Getting ready for Year 1

The National Curriculum for mathematics

- 1) Fluency
- 2) Reasoning
- 3) Problem solving

Fluency



| | |
|-------------------|------------------|
| Part 3 | Part 2 |
| Whole 5 | |



$$2 + \square = 10$$

internal memory

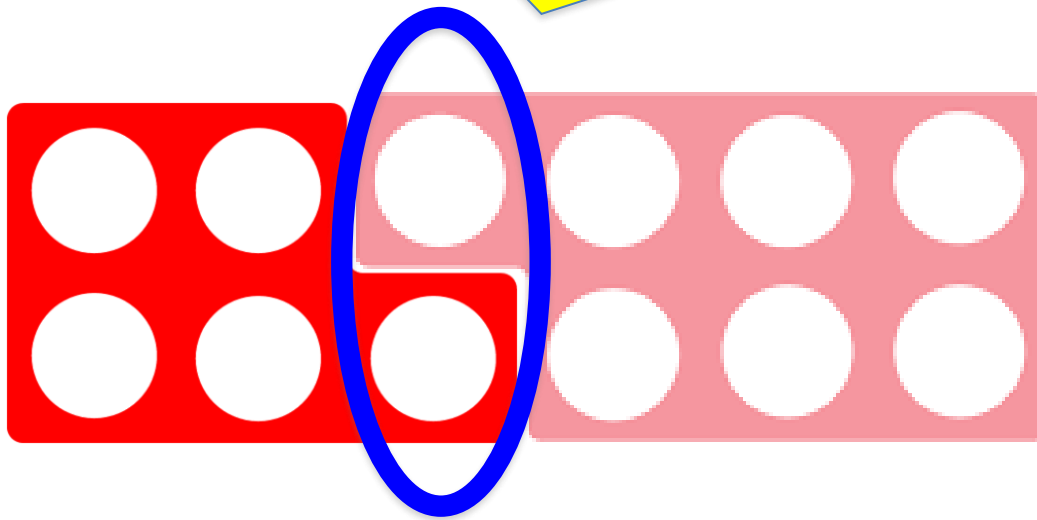
10 x
+ 3



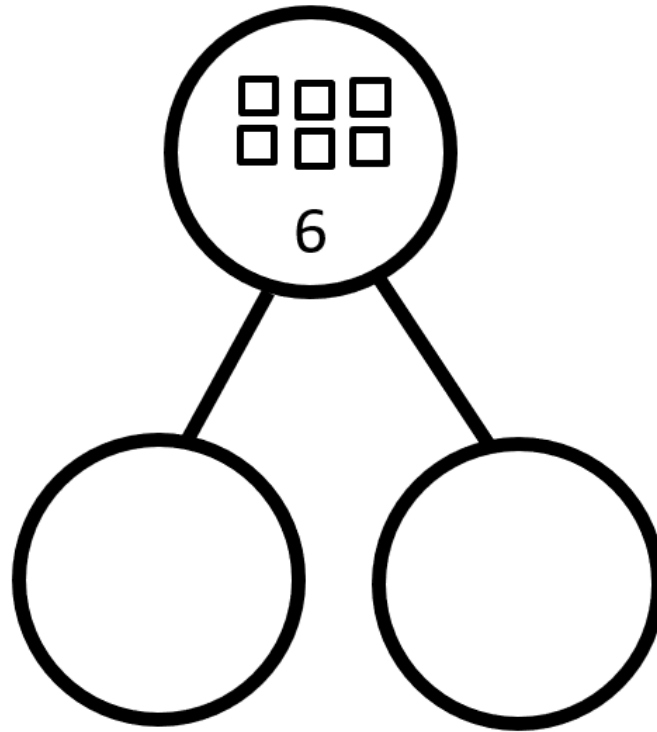
Reasoning

Reasoning

An odd number plus
an odd number equals
an odd number.



Name: _____



How many ways?



1,018



LOGOUT



CITY



HOUSE



GARDEN



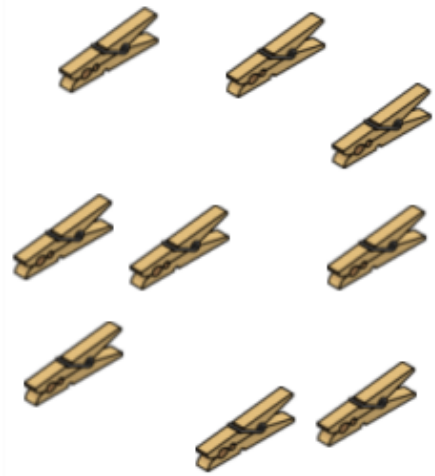
You've got an assessment to do!

CONTINUE

Mr Setchell's challenge

3

How many?



10

8

19

9

Summary

- 1) Practise counting alongside actions (hopping, cutting, drawing, clapping)
- 2) Enjoyment of reading predicts future mathematical attainment (OECD study)
- 3) Practise using mathematical language – talk is key