Buryfields Infant School

Maths Mastery

Key Vocabulary

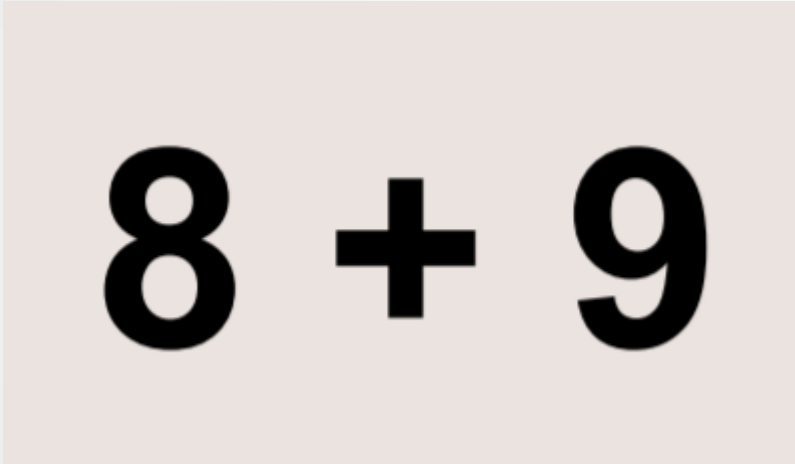
Subitise		Addend	Subtrahend
Total	Sum	Minuend	Difference
Factor	Product	Dividend	Divisor
Quotient	Commutative		

Match the word to the correct definition.

What is maths mastery?

- Depth of understanding
- Reason mathematically
- Apply concepts

What is the answer to this?



How did you solve it?

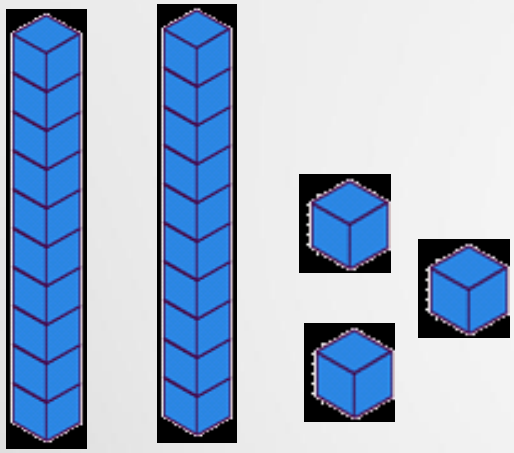
What are numbers?

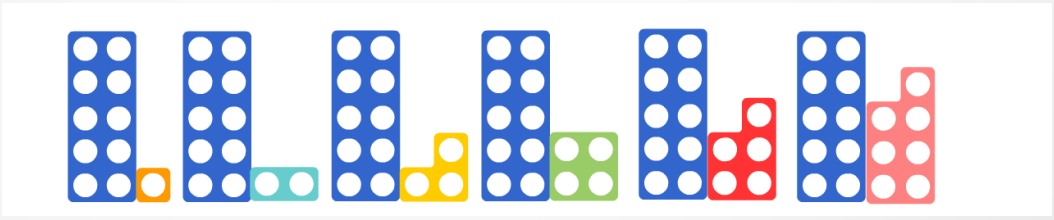
- Nursery rhymes introduce numbers.
- This is one of the earliest forms of counting in rote.
- They then need to bridge the gap between saying the numbers to understanding the order.
- There are only ten digits. Teen numbers can get tricky. Try saying onety one …what does it mean?

0 1 2 3 4 5 6 7 8 9

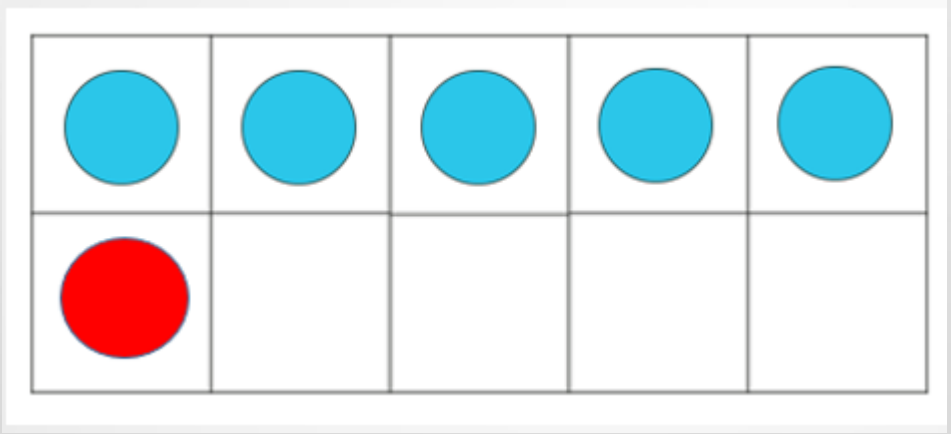
Resources











How do we teach it in EYFS?

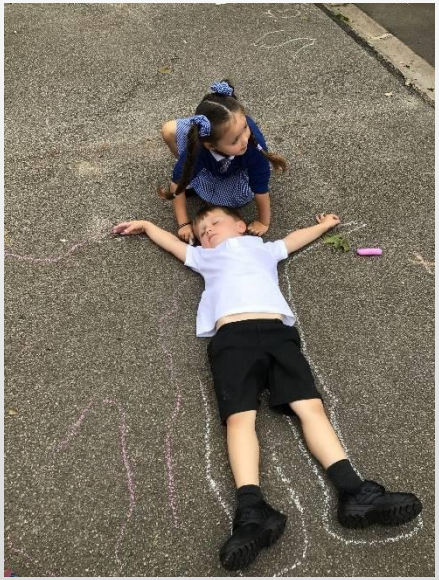
Numberblocks

Number Sense

Practical Activities

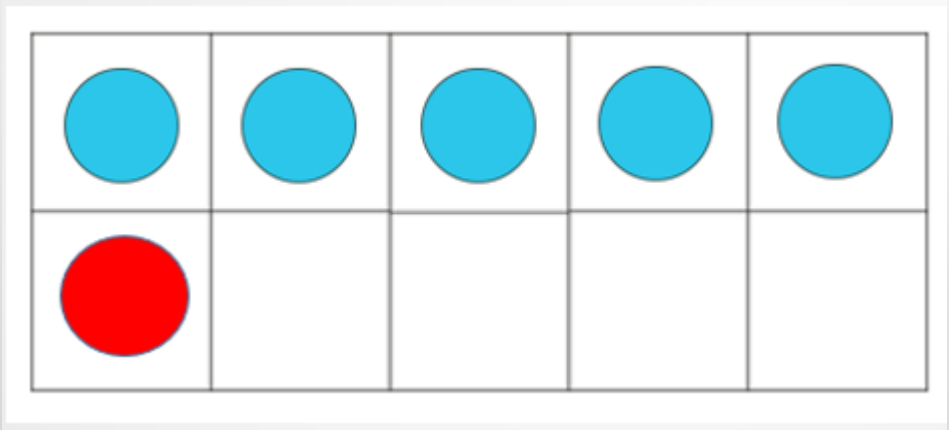






Number facts within 10

- Hardest to secure but forms the basis for all other calculations.
- Grow it, show it, throw it strategy



Place Value

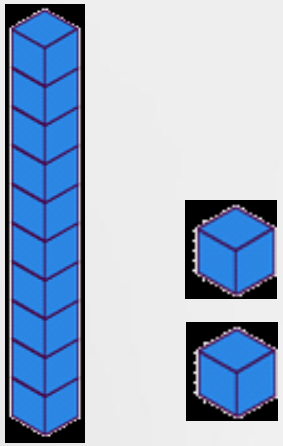
- Children need to understand the significance of 10.

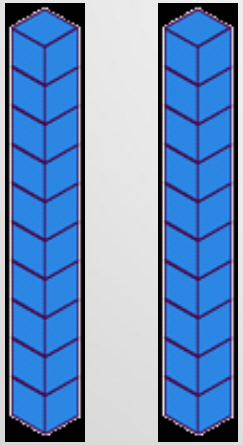


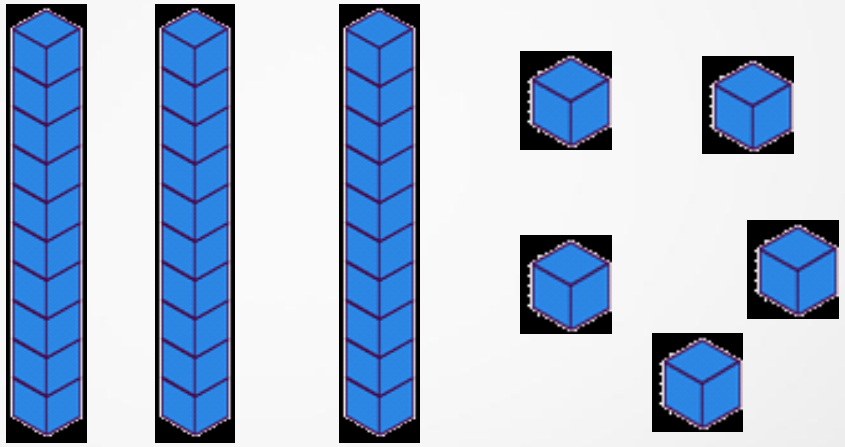
- Grasping the concept of place value will provide children with firm foundations to record numbers accurately, solve problems, add and subtract 10 to a number and work mentally.

- We use the terms tens and ones. It is important that you use the correct vocabulary at home to support your children.

Dienes

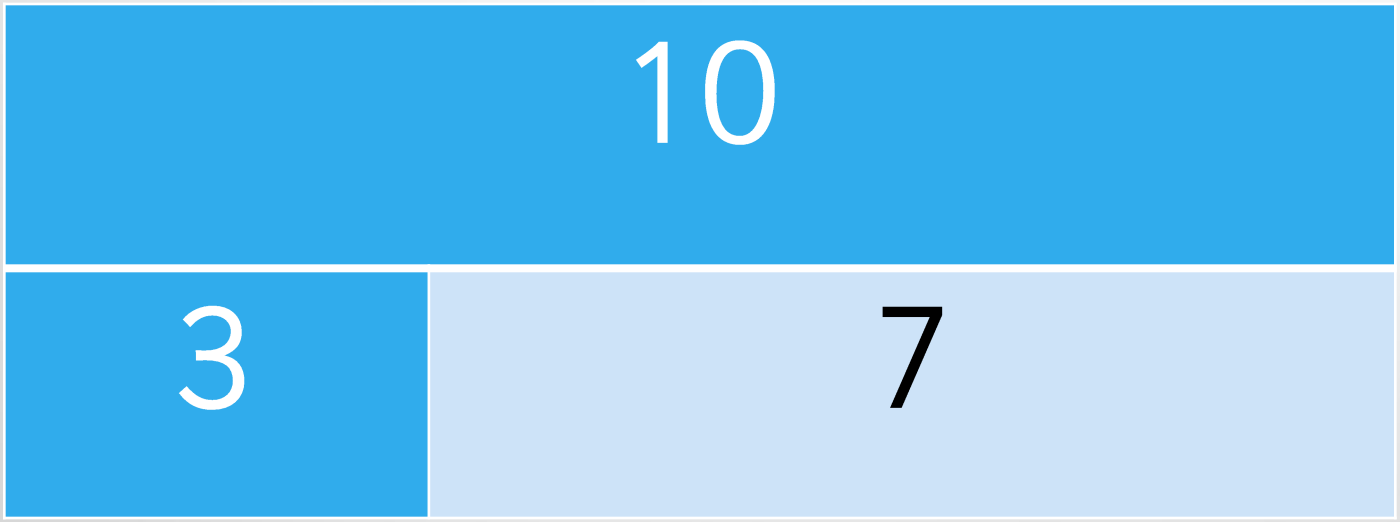




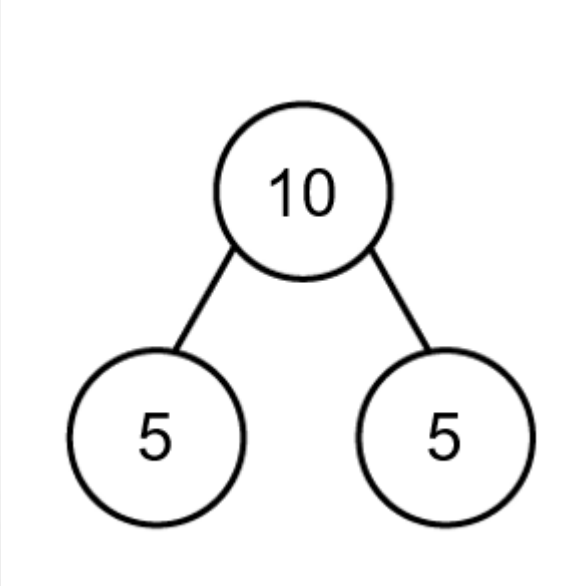


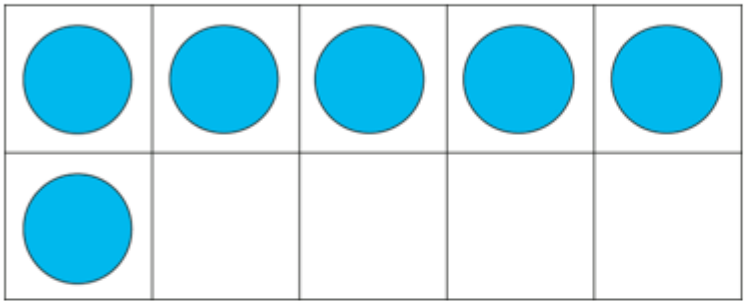
What numbers are being represented by these dienes?

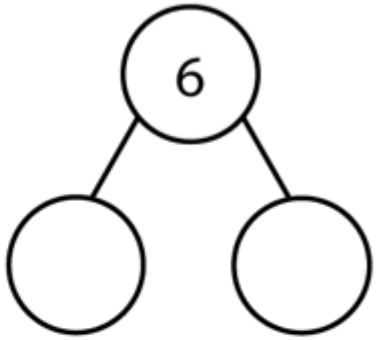
Key representations: part, part, whole model (bar model)



Part, part, whole model (cherry model)






6

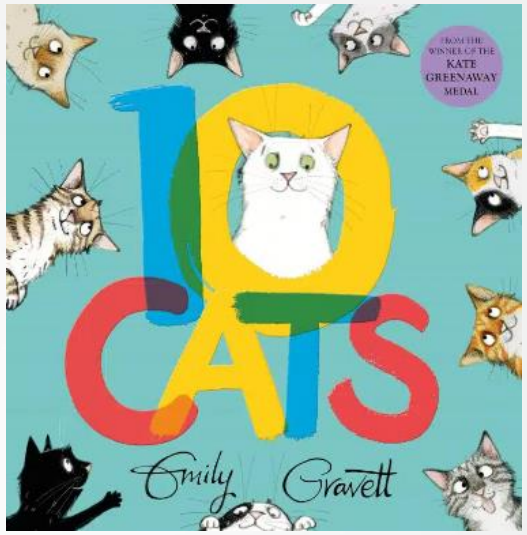

6
5
1

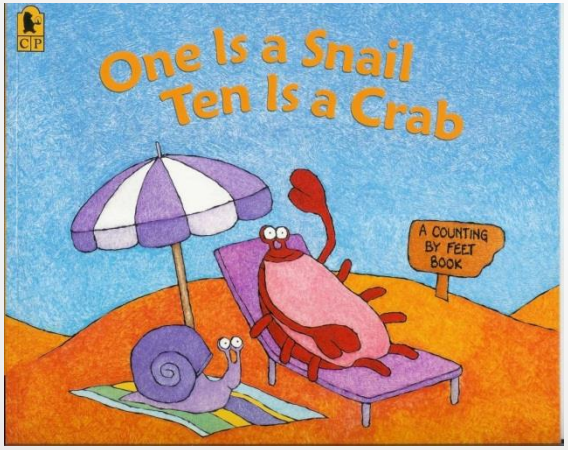
Games

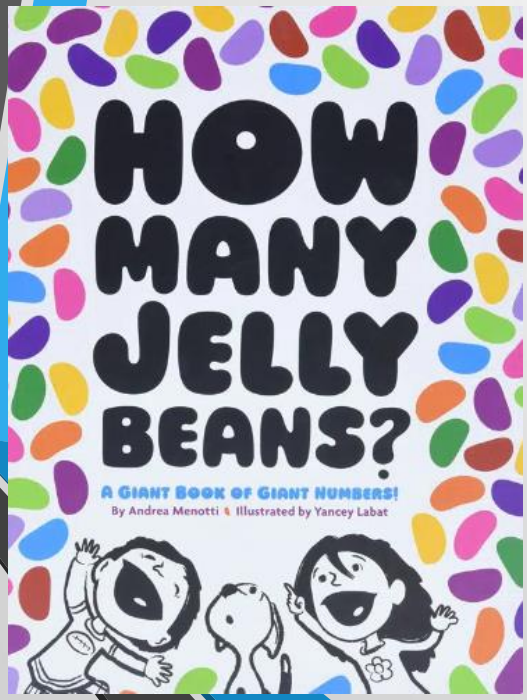
Games provide excellent support to develop mental strategies.

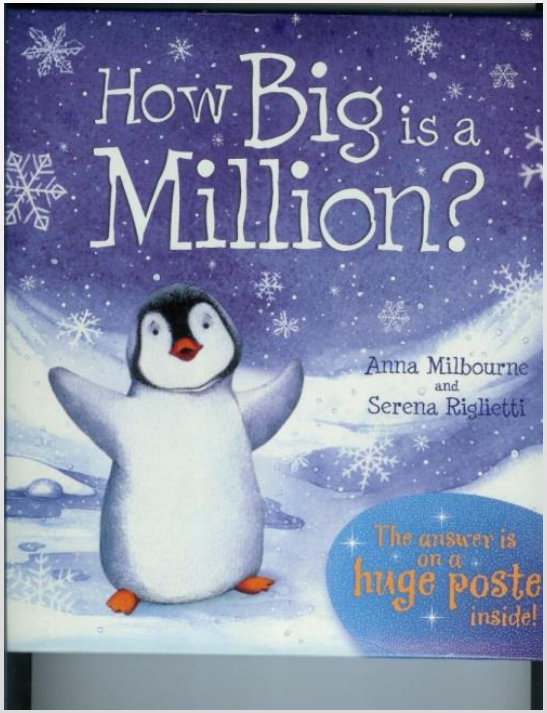
Books


One Fox
A COUNTING BOOK THRILLER
Kate Read


FROM THE WINNER OF THE KATE GREENAWAY MEDAL
10 CATS
Emily Gravett


One Is a Snail Ten Is a Crab
A COUNTING BY FEET BOOK


HOW MANY JELLY BEANS?
A GIANT BOOK OF GIANT NUMBERS!
By Andrea Menotti & Illustrated by Yancey Labat


How Big is a Million?
Anna Milbourne
and
Serena Riglietti
The answer is on a huge poste inside!

Any questions?