

Maths - Year 3

Calculating 2: Developing fluency with adding and subtracting facts to 20

Key Vocabulary

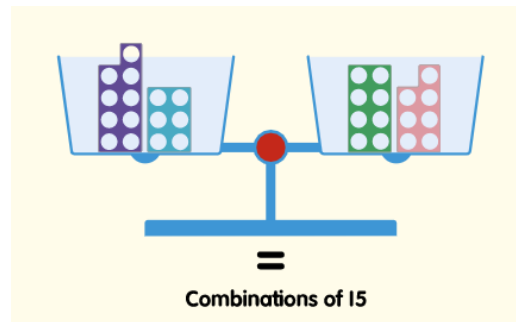
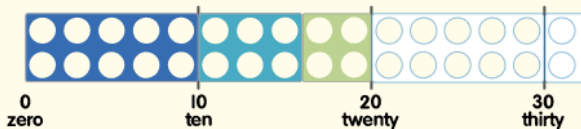
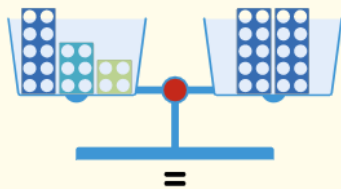
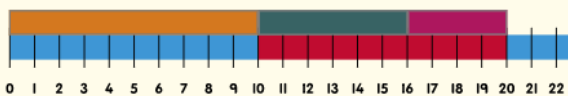
Double	Multiply a number or amount by 2.
Number trio	3 numbers that have related addition and subtraction facts.
Inverse	The reverse or the opposite.
Equivalent	Different ways of representing the same value.
Commutative	When adding, the answer is the same no matter which order the numbers are in.

Mathematical Skills

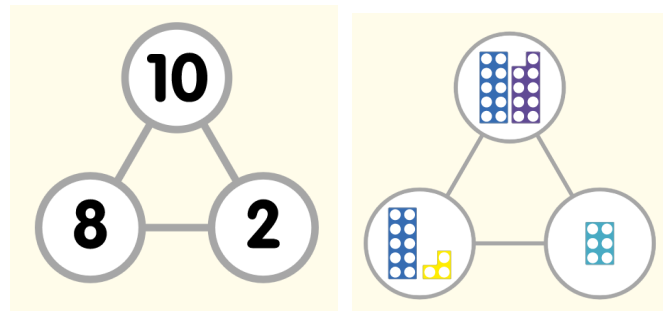
- Spot patterns in numbers by working systematically.
- Add and subtract facts to 10 to add and subtract within 20.
- Use fluent recall of adding and related subtracting facts, including doubles.
- Understand that numbers can be added in any order i.e. adding has a commutative property.
- Understand that commutative property facts are equivalent e.g. $2 + 4 = 4 + 2$

Mathematical Methods

Using their understanding of ways to make 10 in order to make combinations to 20.



To explore inverse operations, using number trios.

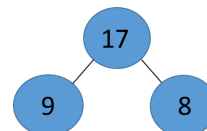


Can you..?

- Fill in the missing number, writing the adding fact of 10 that helps you: + 42 = 50

- What do you know that would help you answer $17 - 3$?

- Write the adding and subtracting facts for this number trio:



- Emma is running a 20km race. She has run 12km. How much further does she have to run?