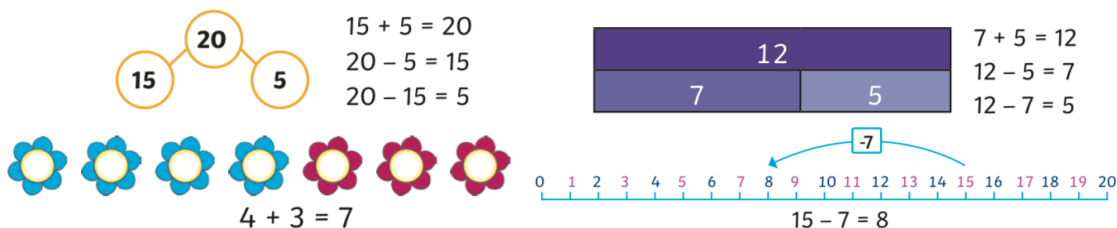


Addition and Subtraction Year 2

Key vocabulary

Add	To bring two or more numbers (or things) together to make a new total.
Total	The result of adding.
Subtract	To take one number away from another.
Greater Than	Bigger. The symbol $>$ means greater than
Less than	Smaller. The symbol $<$ means less than
Fact Families	A fact family is a group of math facts using the same numbers. For addition/subtraction, you use three numbers and get four facts. Eg: 10, 2, and 12: $10 + 2 = 12$, $2 + 10 = 12$ $12 - 10 = 2$ $12 - 2 = 10$

Part Whole Model



Greater/Less than or Equal to

We use the symbols $>$, $<$ and $=$ to compare the values of number sentences.

(10) $6 + 4 < 6 + 5$ (11)
 (10) $6 + 4 > 3 + 6$ (9)
 (7) $11 - 4 = 12 - 5$ (7)
 (7) $11 - 4 < 12 - 4$ (8)

$>$ means Greater than

$<$ means Less than

$=$ means Equal to

$$5 + 3 = 8$$



$$4 + 4 = 8$$



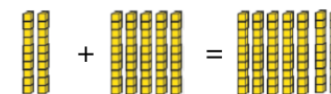
Therefore $5 + 3 = 4 + 4$

Related Facts

If I know that $2 + 5 = 7$



I can use this fact to know that $20 + 50 = 70$



Methods of Column Addition/ Subtraction

Tens	Ones
	••
	••

$$\begin{array}{r} \text{T} \quad 0 \\ 2 \quad 3 \\ + 4 \quad 0 \\ \hline 6 \quad 3 \end{array}$$

Tens	Ones
	•••
	•• ••

$$\begin{array}{r} \text{T} \quad 0 \\ 5 \quad 6 \\ - 3 \quad 0 \\ \hline 2 \quad 6 \end{array}$$