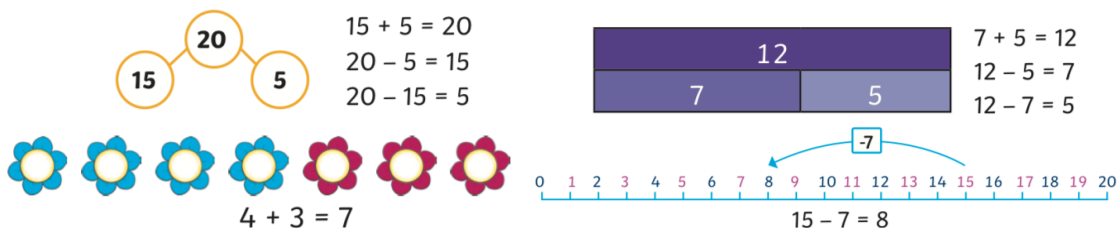# Addition and Subtraction Year 2

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

15 + 5 = 20
20 − 5 = 15
20 − 15 = 5

4 + 3 = 7

7 + 5 = 12
12 − 5 = 7
12 − 7 = 5

15 − 7 = 8

Greater/Less than or Equal to

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

> means Greater than

< means Less than

= means Equal to

(10) $6 + 4$ $<$ $6 + 5$ (11)

(10) $6 + 4$ $>$ $3 + 6$ (9)

(7) $11 - 4$ $=$ $12 - 5$ (7)

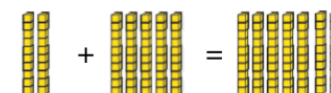(7) $11 - 4$ $<$ $12 - 4$ (8)

$5 + 3 = 8$

$4 + 4 = 8$

Therefore 5 +3 = 4 + 4

Related Facts

If I know that 2 + 5 = 7

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

Methods of Column Addition/ Subtraction

Tens	Ones

```
T  O
2  3
+4  0
6  3
```

Tens	Ones

```
T  O
5  6
−3  0
2  6
```