## Mathematical Language

Words linked to + add, addition, and, count on, plus, sum, more, altogether, increase

## Words linked to $x$

multiply, multiplication, multiple, double, array, times, lots of

Words linked to =
equals, makes, same as

| Number sentence | e.g. $2+4,5-3,6 \times 3,12 \div 3$ |
| :--- | :--- |
| Partition | splitting a number up |
| e.g. $123 \ldots .100+20+3$ |  |
| Recombine | putting a number back together <br> e.g. $100+20+3 \ldots 123$ |
| Bridging | crossing over $10 / 100$ etc |
| Exchanging | e.g. swapping a 10 for 10 ones <br> the value of each digit in a <br> Place value |
|  | number e.g. hundreds, tens and <br> ones (units) | quotient

Words linked to $=$
equals, makes, same as
b0000000000-0000000000-0000000000 V.0000000000-0000000000-000000000 ?
8
8
8
8
8
take away, subtract, subtraction, count back, minus, less, decrease, difference between

Words linked to : group, divide, division, divided by, divisible, factor, share, half, halve, remainder,

## Progression in Calculations



All children will develop efficient methods of calculation with all four operations choosing an appropriate method (mental, mental with jottings, written, calculator) to solve a range of different problems.

Children develop at different rates. The onus is on developing mathematical understanding, a feel for number, NOT just learning a mechanical method that is prone to error - to develop learners for life.





| $40+30+8+6$ |
| :---: |
| $40+30=70$ |
| $8+6=14$ |
| $70+14=84$ |







$15+5=3$
15 shared between 5

$18 \div 6=3$


