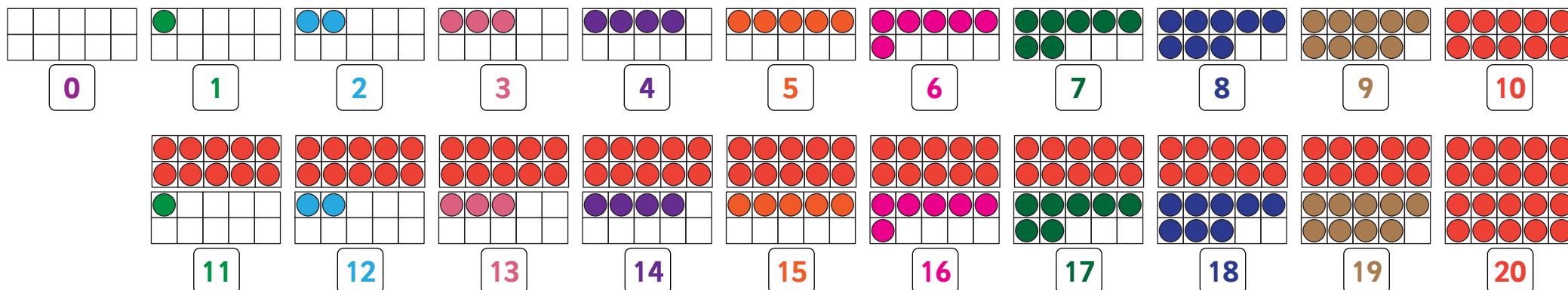


Place Value Knowledge Organiser

Maths

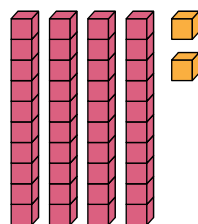
Y2

Numbers to 20



Tens and ones

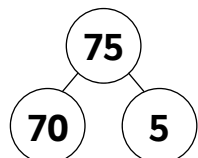
T	O
10	1
10	1
10	
10	



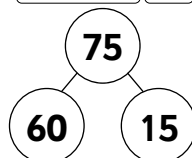
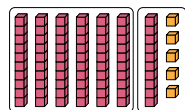
There are 4 tens and 2 ones.
The number is 42 or forty-two.

Partition numbers to 100

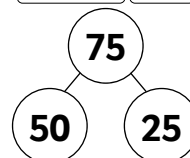
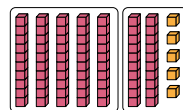
2-digit numbers can be partitioned into tens and ones.



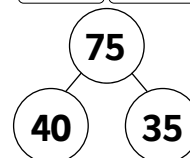
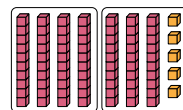
75 is equal to 7 tens and 5 ones.
 $75 = 70 + 5$



75 can be partitioned into 60 and 15.
 $75 = 60 + 15$



75 can be partitioned into 50 and 25.
 $75 = 50 + 25$



75 can be partitioned into 40 and 35.
 $75 = 40 + 35$

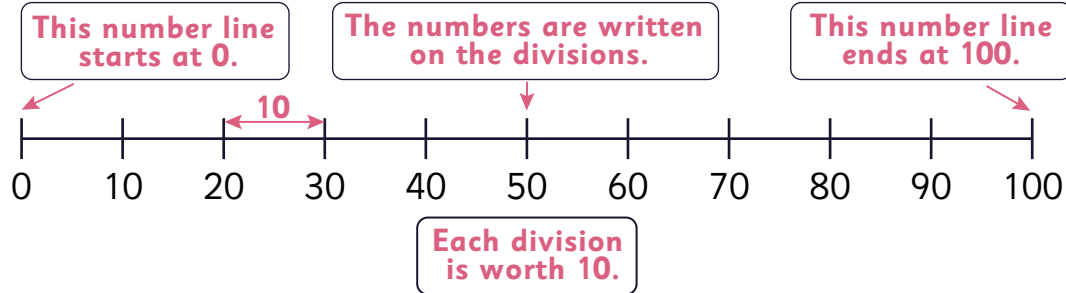
2-digit numbers can also be flexibly partitioned in many different ways.

Numbers to 100 in words

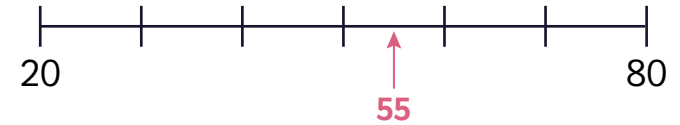
grammarsaurus.co.uk

1	One	11	Eleven	21	Twenty-one
2	Two	12	Twelve	22	Twenty-two
3	Three	13	Thirteen	30	Thirty
4	Four	14	Fourteen	40	Forty
5	Five	15	Fifteen	50	Fifty
6	Six	16	Sixteen	60	Sixty
7	Seven	17	Seventeen	70	Seventy
8	Eight	18	Eighteen	80	Eighty
9	Nine	19	Nineteen	90	Ninety
10	Ten	20	Twenty	100	One hundred

Number lines to 100



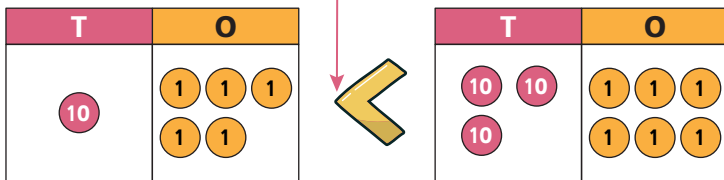
We can use our knowledge of number lines to help us **estimate** numbers.



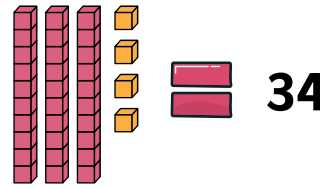
Compare and order numbers



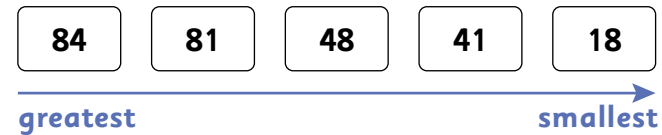
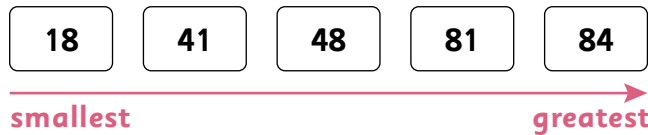
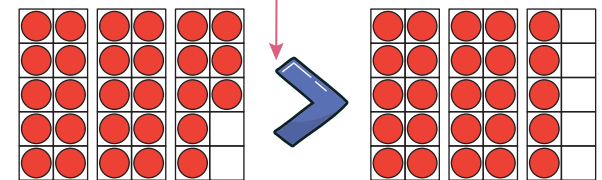
The smaller part points to the smaller amount.



Equal to means the same amount.



The larger part points to the larger amount.



Count in multiples

Count in 2s 2 4 6 8 10 12 14 16 18 20

Count in 5s 5 10 15 20 25 30 35 40 45 50

Count in 10s 10 20 30 40 50 60 70 80 90 100

Count in 3s 3 6 9 12 15 18 21 24 27 30