



Counting

Counting in 2s

0	2	4	6	8	10	12	14	16	18	20
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Counting in 3s

0	3	6	9	12	15	18	21	24	27	30
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Counting in 5s

0	5	10	15	20	25	30	35	40	45	50
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Counting in 10s

0	10	20	30	40	50	60	70	80	90	100
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Read, write and represent numbers to 100

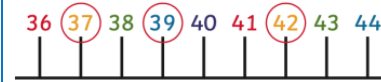
Year 2 Place Value

2-digit numbers

26

twenty	six
20	6

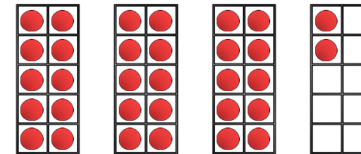
Order numbers



$37 < 39 < 42$



What number is shown?



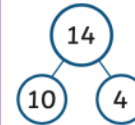
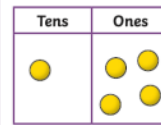
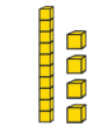
There are 3 tens and 2 ones.

The number is 32

14

fourteen

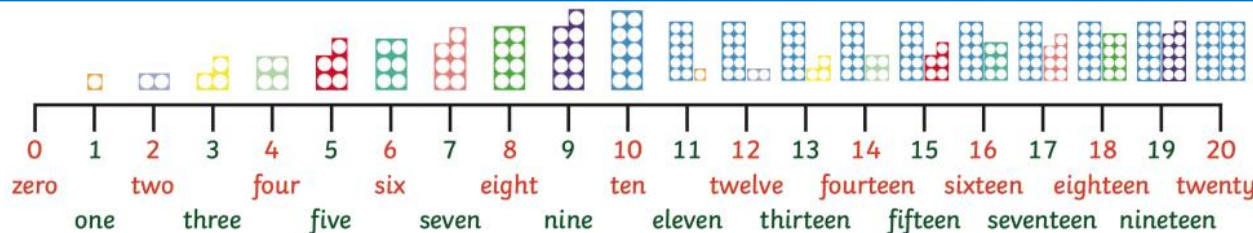
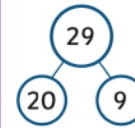
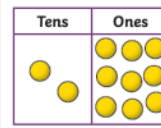
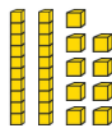
one ten
four ones



29

twenty-nine

two tens
nine ones



Vocabulary

Before
after
ones tens hundreds
total
groups of
represent
partition
whole parts
number sentence
number line
intervals
estimate
halfway
more than
fewer than
greater than
less than
equal to
order
greatest smallest
most
forwards backwards
digit

Tens	Ones	There are <u>9</u> tens.
9	6	There are <u>6</u> ones.
		The number is <u>96</u>



Year 2

Addition and Subtraction

Add and subtract 1 digit

Tens	Ones
3	3

T	0
2	7
+	
	6
3	3

27	28	29	30	31	32	33
----	----	----	----	----	----	----

Tens	Ones
2	7

T	0
2	3
-	
	6
2	7

27	28	29	30	31	32	33
----	----	----	----	----	----	----

Add and subtract 2 digits

3 tens and 4 ones
add
2 tens and 8 ones
equals
5 tens and 12 ones
An exchange is needed so it becomes
6 tens and 2 ones

Tens	Ones
6	2

Add and subtract 1 and 10

Add and subtract 1s

24 + 1 = 25
24 + 2 = 26
24 + 3 = 27

37 - 1 = 36
37 - 2 = 35
37 - 3 = 34

24	25	26	27	28	29	30	31
----	----	----	----	----	----	----	----

10 More or Less

30	40	50	60	70	80
47	57	67	77	87	97

The ones digit stays the same.

10 less	Number	10 more
1	11	21
34	44	54

Addition and subtraction bonds to 20

15	20	5
----	----	---

15 + 5 = 20
20 - 5 = 15
20 - 15 = 5

12
7 5

7 + 5 = 12
12 - 5 = 7
12 - 7 = 5

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
---	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

15 - 7 = 8

Addition and subtraction bonds to 100

2 + 8 = 10
so 20 + 80 = 100

32 + 68 = 100
3 tens and 2 ones + 6 tens and 8 ones
= 9 tens and 10 ones = 10 tens = one hundred

There are 7 flowers in a vase. One more is added. Now there are 8 flowers.

Vocabulary

+ add addition
plus altogether
- subtract
minus take away
difference
ones tens
partition
multiple
less than
more than
equal to
< > =
greater than
exchange
represent
compare

Mental methods

5 + 4 = 9 so 50 + 40 = 90

7 + 5 + 4 = 16



2d shapes

3d shapes

Year 2 Shape

square

cube

Lines of symmetry

triangle

rectangle

circle

pentagon

hexagon

quadrilateral

apex or vertex

cuboid

cone

curved surface

sphere

cylinder

triangular prism

square-based pyramid

These 2D shapes have a vertical line of symmetry.

Repeating shape patterns

Vocabulary

2D shapes

square

rectangle

circle

triangle

pentagon

hexagon

octagon

3D shapes

cuboid

cube

cylinder

sphere

pyramid

cone

Sides

straight

sides

face

curved surface

flat surface

edges

vertex

vertices

symmetrical

line of symmetry