



K.G.V.

Year 2 Maths Parent Guide

1/1 Count to 100

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1/2 Count in twos

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

They are all **EVEN**

They all end in 0 or 2 or 4 or 6 or 8



1/2 Count in fives

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

They all end in 0 or 5



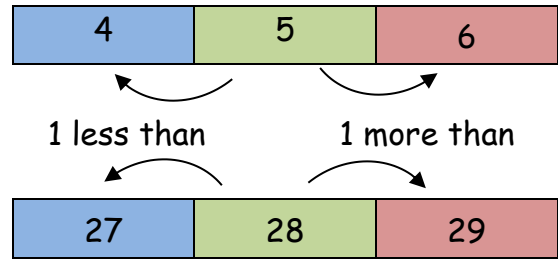
1/2 Count in 10s

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

They all end in 0



1/3 One more or less



1/4 Numbers as objects



Max has **MORE** than Ann

Max has the **MOST**

Ann has **LESS** than Max

Ann has the **LEAST**

1/5 Numbers in figures and words

1 one
2 two
3 three
4 four
5 five
6 six
7 seven
8 eight
9 nine
10 ten

11 eleven
12 twelve
13 thirteen
14 fourteen
15 fifteen
16 sixteen
17 seventeen
18 eighteen
19 nineteen
20 twenty

1/6 Mathematical statements involving (+) (-) and (=)

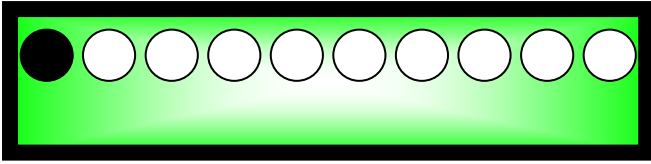
We read: 3 added to 4 makes 7

We write: $3 + 4 = 7$

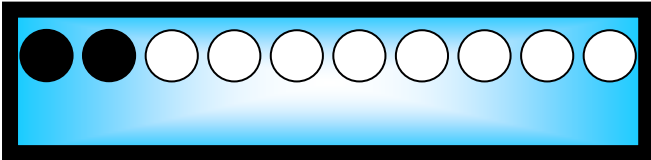
We read: 7 subtract 3 makes 4

We write: $7 - 3 = 4$

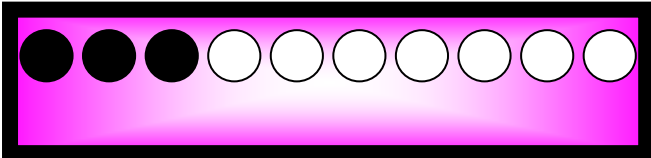
1/7 Number bonds



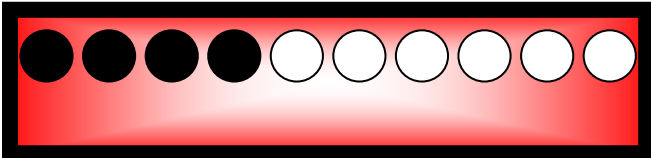
$1 + 9 = 10$ OR $9 + 1 = 10$
 $10 - 1 = 9$ OR $10 - 9 = 1$



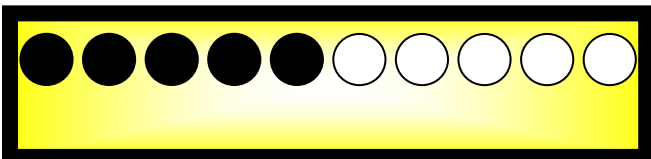
$2 + 8 = 10$ OR $8 + 2 = 10$
 $10 - 2 = 8$ OR $10 - 8 = 2$



$3 + 7 = 10$ OR $7 + 3 = 10$
 $10 - 3 = 7$ OR $10 - 7 = 3$



$4 + 6 = 10$ OR $6 + 4 = 10$
 $10 - 4 = 6$ OR $10 - 6 = 4$



$5 + 5 = 10$
 $10 - 5 = 5$

1/8 Addition and subtraction

Addition

Example: $8 + 6$
 $= 8 + 2 + 4$
 $= 10 + 4$
 $= 14$

I need +2 to make 10

Subtraction

Example: $13 - 5$
 $13 - 3 - 2$
 $= 10 - 2$
 $= 8$

I need -3 to make 10

1/9 Addition & subtraction problems

3 balloons and 4 balloons make 7 balloons



We can write: $3 + 4 = 7$

7 balloons and 3 balloons burst leaves 4 balloons

We can write: $7 - 3 = 4$

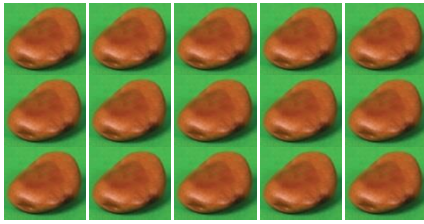
NOTICE $7 - 3 = 4$

↑

3 + 4

1/10 Multiplication and division

- A gardener sows some bean seeds



- How many seeds did he plant?

Answer: $3 \times 5 = 15$

or $5 \times 3 = 15$

- The gardener planted 15 seeds in 3 rows. How many seeds in each row?

Answer: $15 \div 3 = 5$



1/12 Recognise and name a quarter

We write: $\frac{1}{4}$

quarter of the balloons

1/11 Recognise and name a half

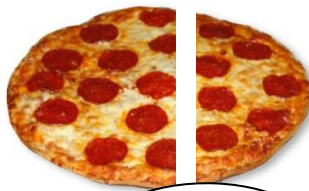
We write: $\frac{1}{2}$

Split into two equal parts

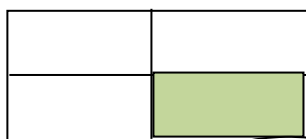
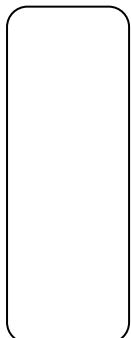
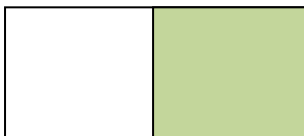
$\frac{1}{2}$ YES



$\frac{1}{2}$ NO!!!!



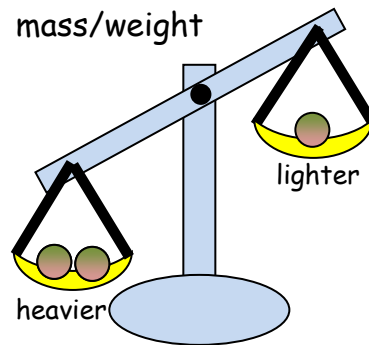
Half of a rectangle



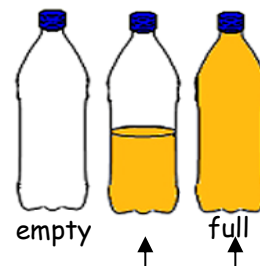
quarter of a

1/13 Measures

- mass/weight



- capacity/volume



- time less more



slower



faster



- length



short



long

1/14 Measuring

- mass/weight

weight of an apple - grams



weight of a boy - kilograms

- capacity/volume

medicine spoon - millilitres



bucket of water - litres

- time

count to 20 - seconds



eat your dinner - minutes

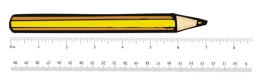


sleep - hours

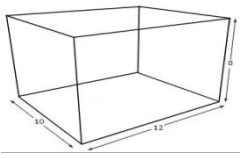


- Length

A pencil - centimetres



The school hall - metres



Road distance- kilometres




1/15 Value of coins



1p 2p 5p 10p
20p 50p £1 £2

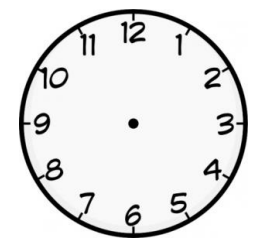
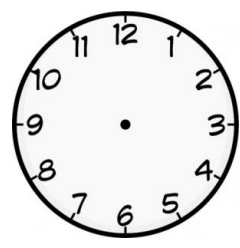
1/15 Value of notes



1. Watched some TV 	2. Came home from school 
3. Brushed my teeth 	4. Went to bed 
5. Had my tea 	6. Did my homework 



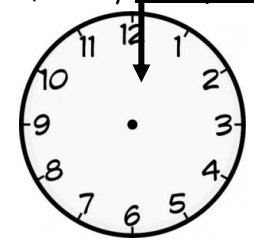
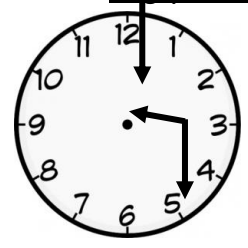
The short pointer is called the HOUR hand
When the long pointer is on 12, we say o'clock



8 o'clock

3 o'clock

When the long pointer is on 6, we say 'half past'



Half past 2

Half past 9

1/19 Recognise 2D shapes

- Rectangle



- Square

1/16 Sequence events

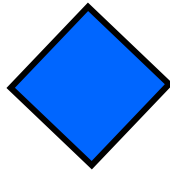
1/17 Dates

To write the date

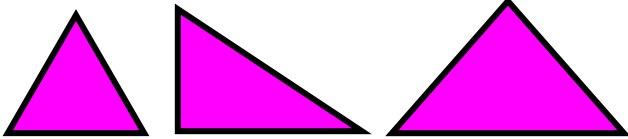
Today is Thursday 3rd April 2014

1/18 Tell the time

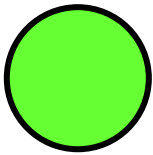
The long pointer is called the MINUTE hand.



- Triangle

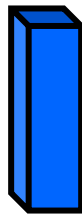


- Circle

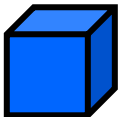


1/19 Recognise 3D shapes

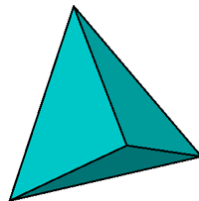
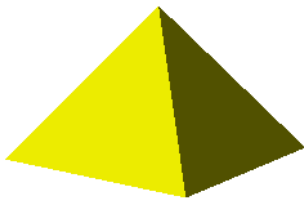
- Cuboid



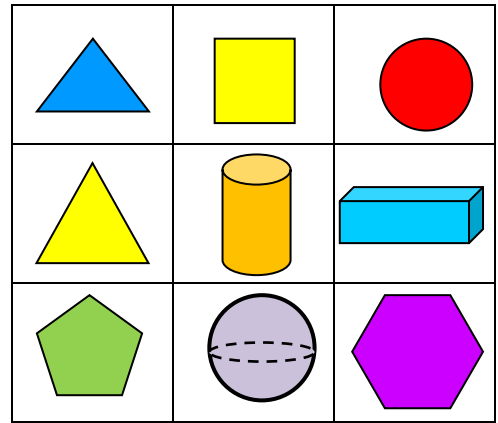
- Cube



- Pyramid



- Sphere



What shape is **above** the cuboid?

Answer: circle

What shape is **below/under** the blue triangle?

Answer: yellow triangle

What shape is **right** of the green pentagon?

Answer: sphere

What shape is **left** of the circle?

Answer: square

- Direction



Forward



Backward



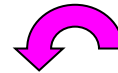
Turn right



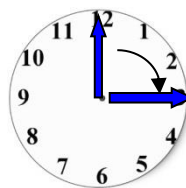
Turn left

- Movement

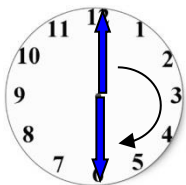
ANTICLOCKWISE



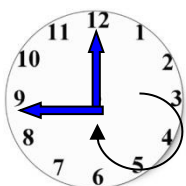
CLOCKWISE



Clockwise (1 right angle) or $\frac{1}{4}$ turn



Clockwise (2 right angles) or $\frac{1}{2}$ turn



Clockwise (3 right angles) or $\frac{3}{4}$ turn

1/20 Position, direction and movement

- Position