



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



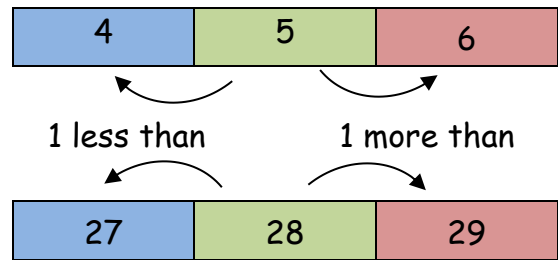
## 1/2 Count in 10s

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 (=)

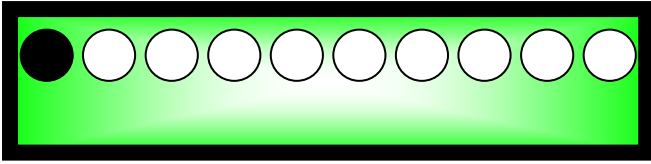
We read: 3 added to 4 makes 7

We write:  $3 + 4 = 7$

We read: 7 subtract 3 makes 4

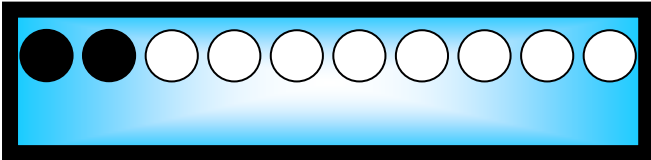
We write:  $7 - 3 = 4$

### 1/7 Number bonds



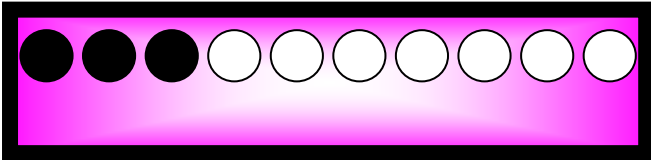
$$1 + 9 = 10 \quad \text{OR} \quad 9 + 1 = 10$$

$$10 - 1 = 9 \quad \text{OR} \quad 10 - 9 = 1$$



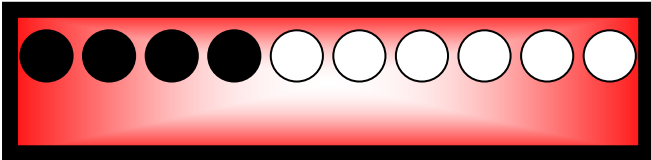
$$2 + 8 = 10 \quad \text{OR} \quad 8 + 2 = 10$$

$$10 - 2 = 8 \quad \text{OR} \quad 10 - 8 = 2$$



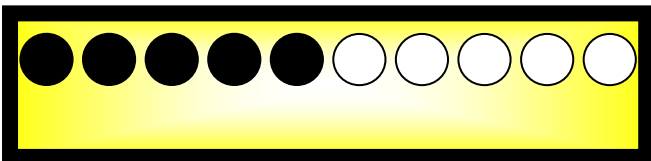
$$3 + 7 = 10 \quad \text{OR} \quad 7 + 3 = 10$$

$$10 - 3 = 7 \quad \text{OR} \quad 10 - 7 = 3$$



$$4 + 6 = 10 \quad \text{OR} \quad 6 + 4 = 10$$

$$10 - 4 = 6 \quad \text{OR} \quad 10 - 6 = 4$$



$$5 + 5 = 10$$

$$10 - 5 = 5$$

### 1/8 Addition and subtraction

#### Addition

Example:  $8 + 6$

$= 8 + \boxed{2} + \boxed{4}$

$= 10 + 4$

$= 14$

I need +2 to make 10

#### Subtraction

Example:  $13 - 5$

$13 - \boxed{3} - \boxed{2}$

$= 10 - 2$

$= 8$

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

$7 - 3 = 4$

We can write:  $7 - 3 = 4$

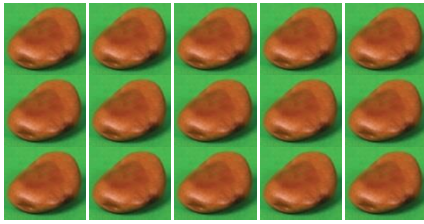
NOTICE  $\boxed{7} - 3 = 4$

↑

$$3 + 4$$

### 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

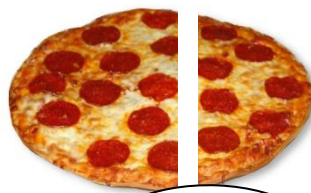
We write:  $\frac{1}{2}$

Split into two equal parts

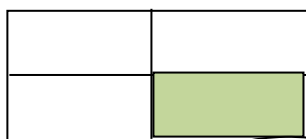
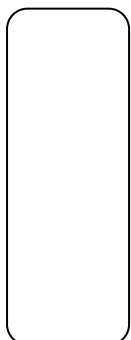
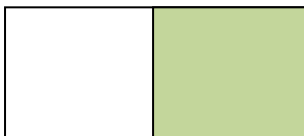
$\frac{1}{2}$  YES



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



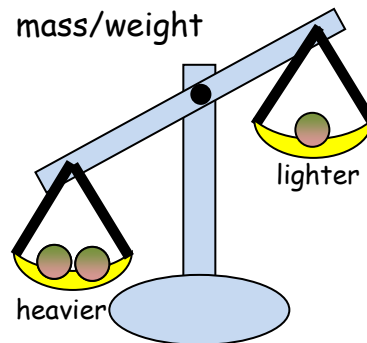
Half of a rectangle



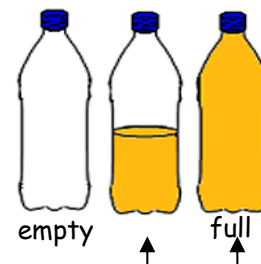
quarter of a

### 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

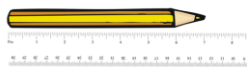


sleep - hours

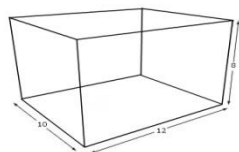


- Length

A pencil - centimetres



The school hall - metres



Road distance- kilometres

### 1/15 Value of coins

1p

2p

5p

10p



20p

50p


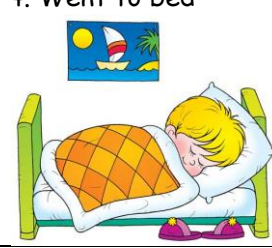

£1

£2

### 1/15 Value of notes

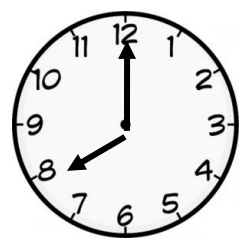




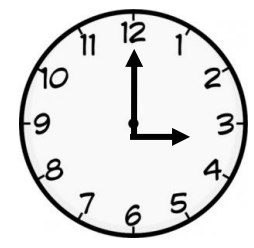
1. Watched some TV 	2. Came home from school 
3. Brushed my teeth 	4. Went to bed 
5. Had my tea 	6. Did my homework 



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

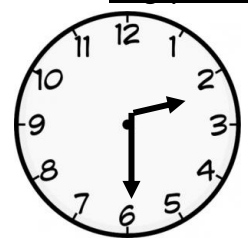


8 o'clock

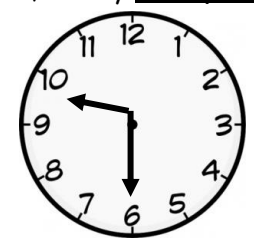


3 o'clock

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



Half past 2



Half past 9

1/19 Recognise 2D shapes

- Rectangle



1/16 Sequence events

1/17 Dates

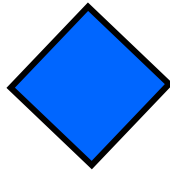
To write the date

Today is Thursday 3<sup>rd</sup> April 2014

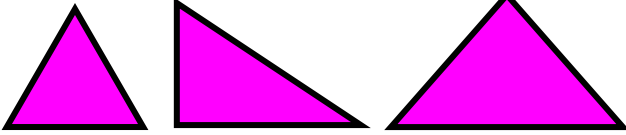
1/18 Tell the time

The long pointer is called the MINUTE hand.

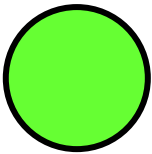
- Square



- Triangle

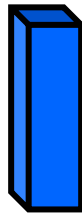


- Circle

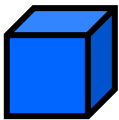


1/19 Recognise 3D shapes

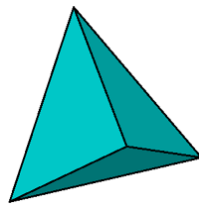
- Cuboid



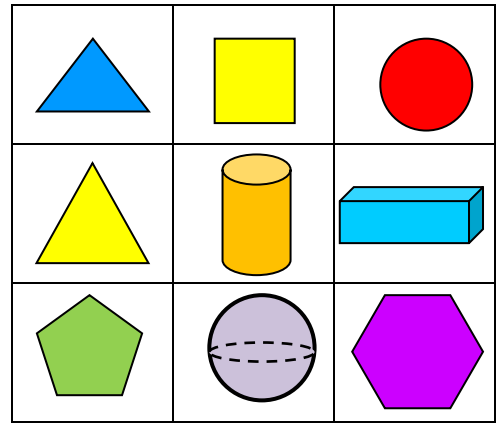
- Cube



- 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



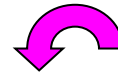
Turn right



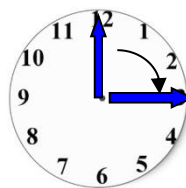
Turn left

- Movement

ANTICLOCKWISE



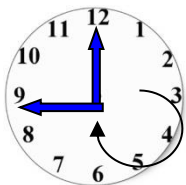
CLOCKWISE



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