

# Year 1 Maths Help and Tips

## 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



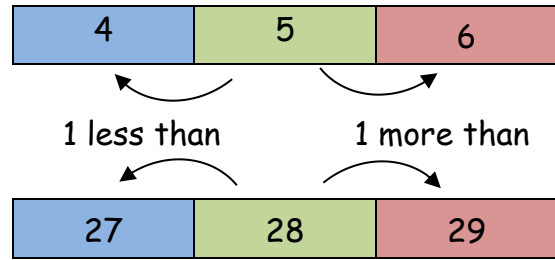
## 1/2 Count in 10s

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

**Number bonds to 10!**

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

**Number bonds to 10!**

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

**Number bonds to 10!**

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

**Number bonds to 10!**

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

**Number bonds to 10!**

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

### 1/8 Addition and subtraction

#### Addition

**Example:**  $8 + 6$

$$= 8 + 2 + 4$$
$$= 10 + 4$$
$$= 14$$

**Number bonds to 10!**

#### Subtraction

**Example:**  $13 - 5$

$$13 - 3 - 2$$
$$= 10 - 2$$
$$= 8$$

**Number bonds to 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



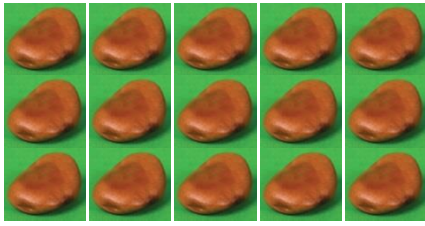
We can write:  $7 - 3 = 4$

NOTICE

$$\begin{array}{c} \boxed{7} - 3 = 4 \\ \uparrow \\ 3 + 4 \end{array}$$

**1/10 Multiplication and division**

- A gardener sows some bean seeds



- How many seeds did he plant?

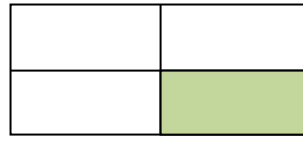
Answer:  $3 \times 5 = 15$   
or  $5 \times 3 = 15$

- 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 a



quarter of the balloons

**1/11 Recognise and name a half**

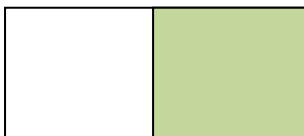
We write:  $\frac{1}{2}$

Split into two equal parts

$\frac{1}{2}$  YES



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



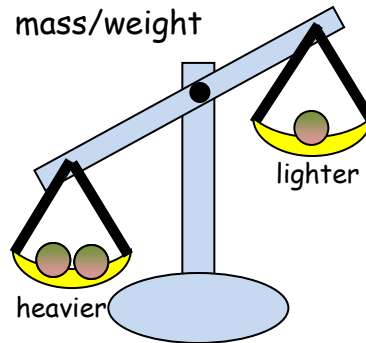
Half of a rectangle



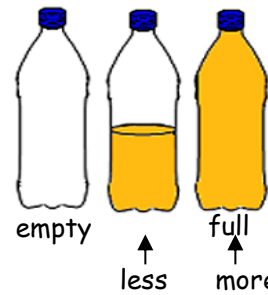
Half of the

**1/13 Measures**

- mass/weight



- capacity/volume



- time



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

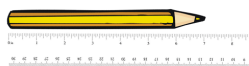


sleep - hours

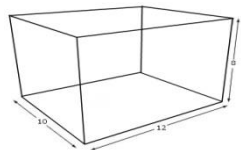


- Length

A pencil - centimetres



The school hall - metres



Road distance- kilometres



Download from [Dreamstime.com](https://www.dreamstime.com)

### 1/15 Value of coins

1p

2p

5p

10p



20p

50p

£1

£2

### 1/15 Value of notes



### 1/16 Sequence events

1. Watched some TV



2. Came home from school



3. Brushed my teeth



4. Went to bed



5. Had my tea

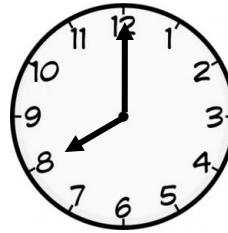


6. Did my homework

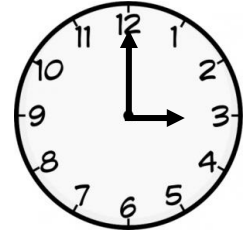


### 1/18 Tell the time

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

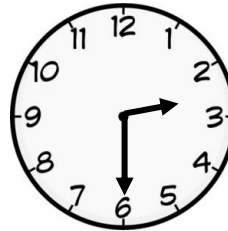


8 o'clock

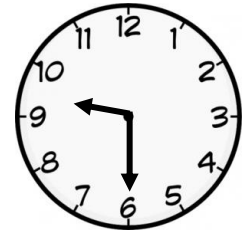


3 o'clock

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



Half past 2



Half past 9

### 1/17 Dates

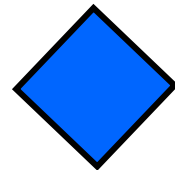


### 1/19 Recognise 2D shapes

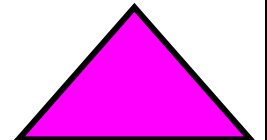
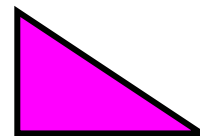
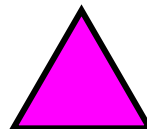
- Rectangle



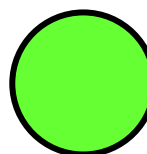
- Square



- Triangle



- Circle

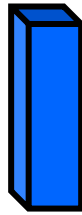


### To write the date

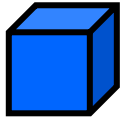
Today is Thursday 3<sup>rd</sup> April 2014

1/19 Recognise 3D shapes

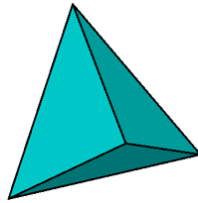
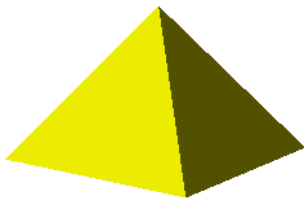
- Cuboid



- Cube



- Pyramid



- Sphere



- Direction



Forward



Backward



Turn right



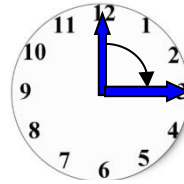
Turn left

- Movement

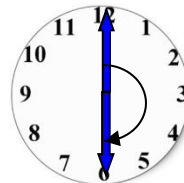
ANTICLOCKWISE



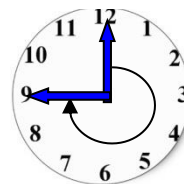
CLOCKWISE



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


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