

# Band 1 Knowledge Organiser

## 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



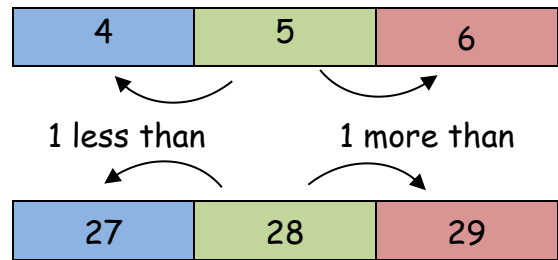
## 1/2 Count in 10s

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 to 10



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



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



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



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



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

## 1/8 Addition and subtraction

### Addition

Example:  $8 + 6$

$= 8 + 2 + 4$

$= 10 + 4$

$= 14$

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:  $3 + 4 = 7$

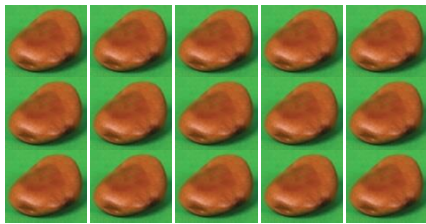
7 balloons and 3 balloons burst leaves 4 balloons



We can write:  $7 - 3 = 4$

### 1/10 Multiplication and division

- A gardener sows some bean seeds



- How many seeds did he plant?

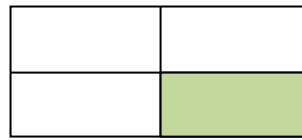
Answer:  $3 \times 5 = 15$   
or  $5 \times 3 = 15$

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

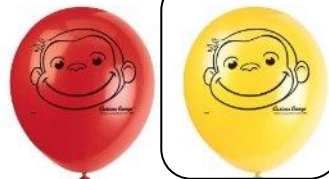
Answer:  $15 \div 3 = 5$

### 1/12 Recognise and name a quarter

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



quarter of a rectangle



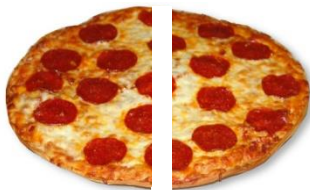
quarter of the balloons

### 1/11 Recognise and name a half

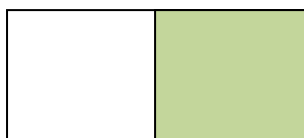
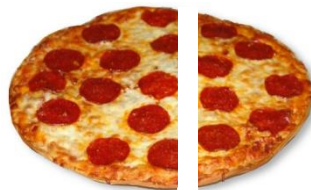
We write:  $\frac{1}{2}$

Split into two equal parts

$\frac{1}{2}$  YES



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



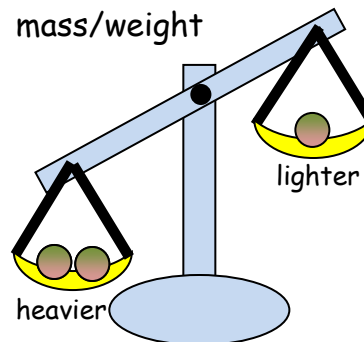
Half of a rectangle



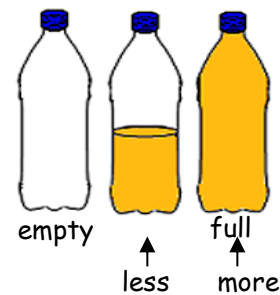
Half of the balloons

### 1/13 Measures

- mass/weight



- capacity/volume



- time



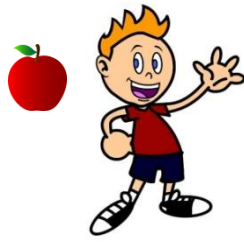
- length



### 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

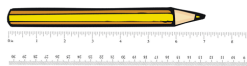


sleep - hours

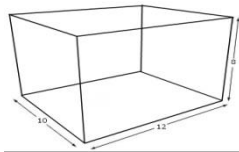


- Length

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





### 1/16 Sequence events

1. Watched some TV



2. Came home from school



3. Brushed my teeth



4. Went to bed



5. Had my tea

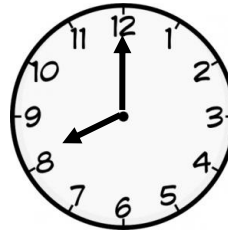


6. Did my homework

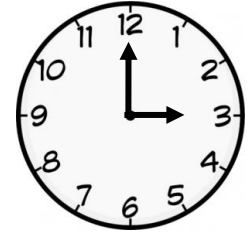


### 1/18 Tell the time

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

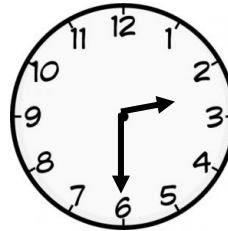


8 o'clock

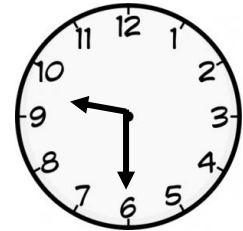


3 o'clock

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



Half past 2



Half past 9

### 1/17 Dates



To write the date

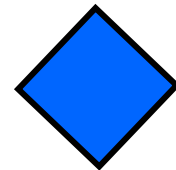
Today is \_\_\_\_\_

### 1/19 Recognise 2D shapes

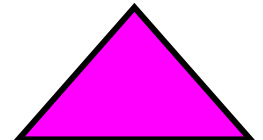
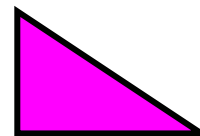
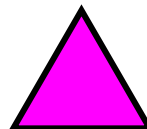
- Rectangle



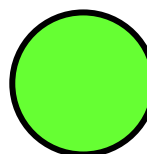
- Square



- Triangle

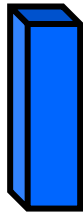


- Circle

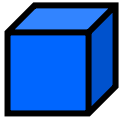


1/19 Recognise 3D shapes

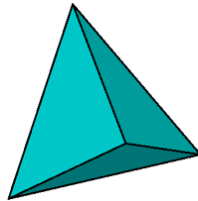
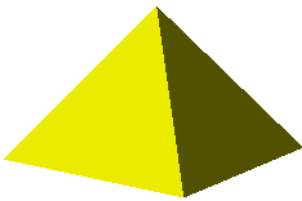
- Cuboid



- Cube



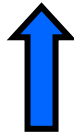
- Pyramid



- Sphere



- Direction



Forward



Backward



Turn right



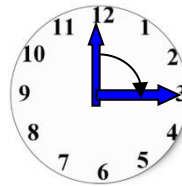
Turn left

- Movement

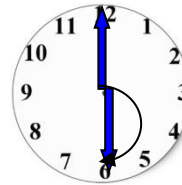
ANTICLOCKWISE



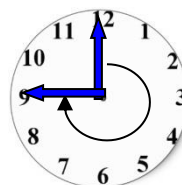
CLOCKWISE



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



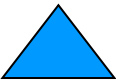


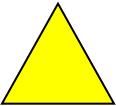
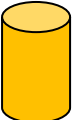


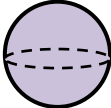
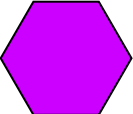
Clockwise (2 right angles)  
or  $\frac{1}{2}$  turn



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