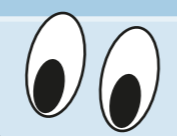


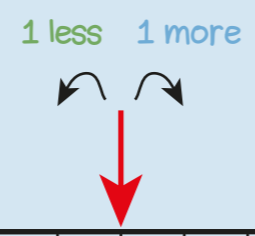
$5 = 5 + 0$		$5 - 0 = 5$
$5 = 4 + 1$		$5 - 1 = 4$
$5 = 3 + 2$		$5 - 2 = 3$
$5 = 2 + 3$		$5 - 3 = 2$
$5 = 1 + 4$		$5 - 4 = 1$
$5 = 0 + 5$		$5 - 5 = 0$

$6 = 6 + 0$		$6 - 0 = 6$
$6 = 5 + 1$		$6 - 1 = 5$
$6 = 4 + 2$		$6 - 2 = 4$
$6 = 3 + 3$		$6 - 3 = 3$
$6 = 2 + 4$		$6 - 4 = 2$
$6 = 1 + 5$		$6 - 5 = 1$
$6 = 0 + 6$		$6 - 6 = 0$

Stop and look.  
What do you notice?



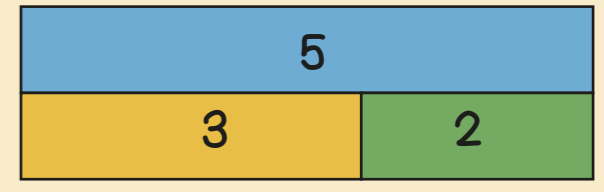
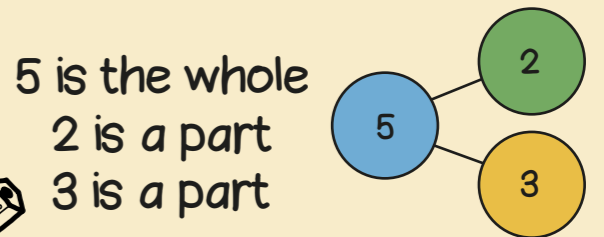
1 less than 16 is 15    1 more than 16 is 17



20 is more than 19  
19 is less than 20

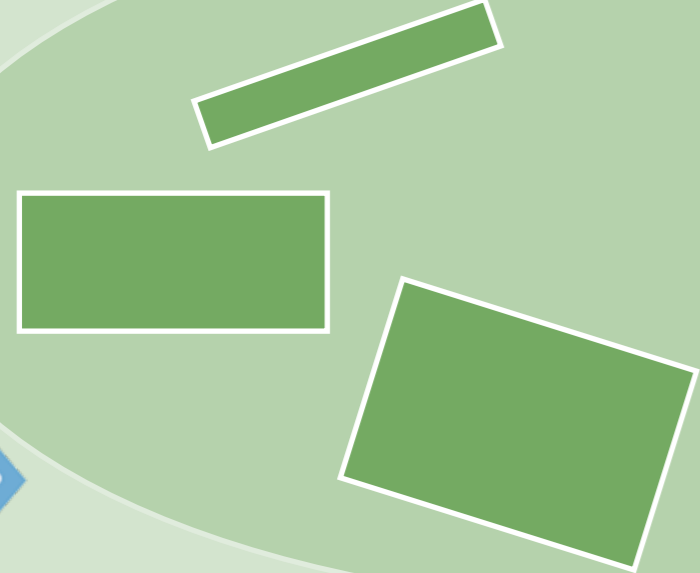
number  
digit  
less  
more  
greater  
ones  
tens

add  
total  
subtract  
left



# Year 1 Term 1

Rectangles are 2D shapes with 4 straight sides and 4 right angles



rectangle  
triangle  
square  
circle  
side  
straight

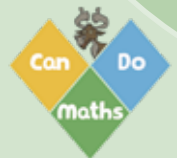
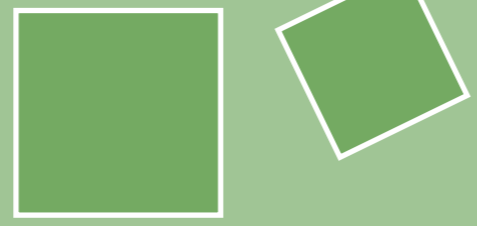
Triangles are 2D shapes with 3 straight sides

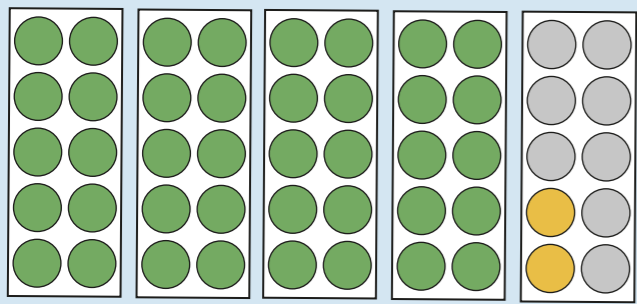


Circles are 2D shapes where the distance from the centre to the edge is always the same

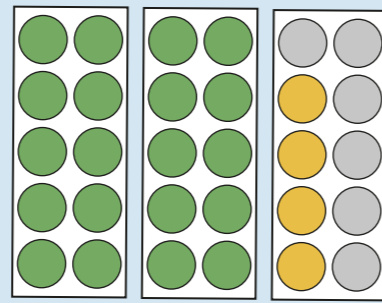


Squares are special rectangles with all the sides equal





42  
forty-two  
4 tens and 2 ones

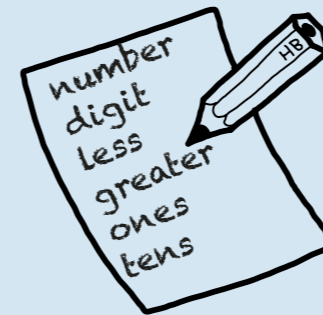


24  
twenty-four  
2 tens and 4 ones

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

42 is more than 24 so  
24 is less than 42

Stop and look.  
What do you notice?

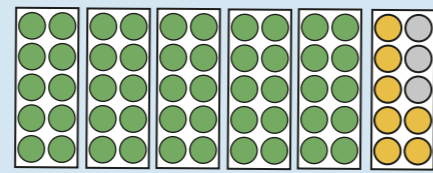
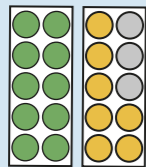
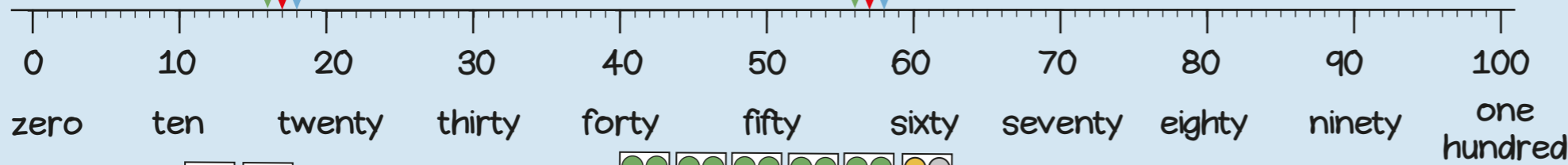


1 less      1 more

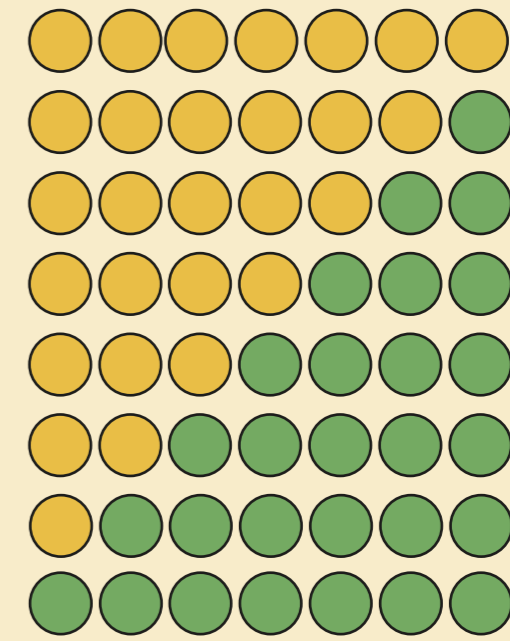
1 less than 17 is 16      1 more than 17 is 18

1 less      1 more

1 less than 57 is 56      1 more than 57 is 58

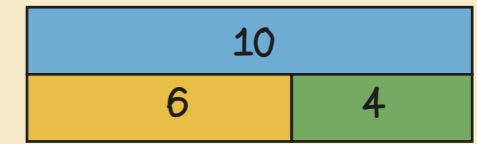
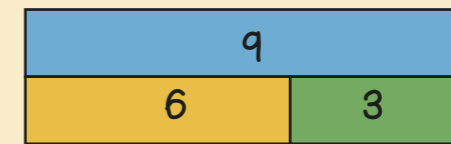
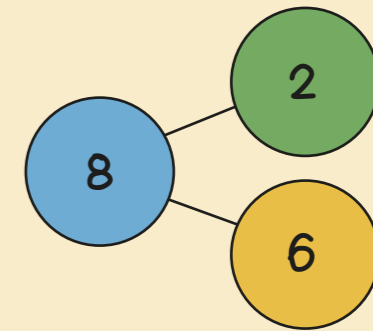


- $7 = 7 + 0$
- $7 = 6 + 1$
- $7 = 5 + 2$
- $7 = 4 + 3$
- $7 = 3 + 4$
- $7 = 2 + 5$
- $7 = 1 + 6$
- $7 = 0 + 7$



- $7 - 0 = 7$
- $7 - 1 = 6$
- $7 - 2 = 5$
- $7 - 3 = 4$
- $7 - 4 = 3$
- $7 - 5 = 2$
- $7 - 6 = 1$
- $7 - 7 = 0$

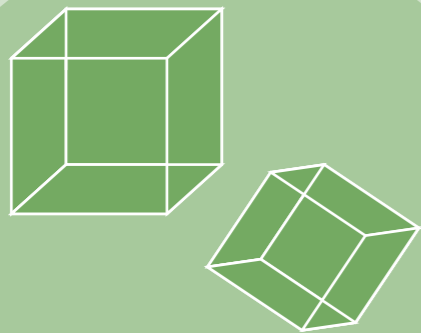
8 is the whole  
2 is a part  
6 is a part



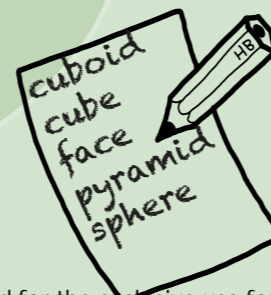
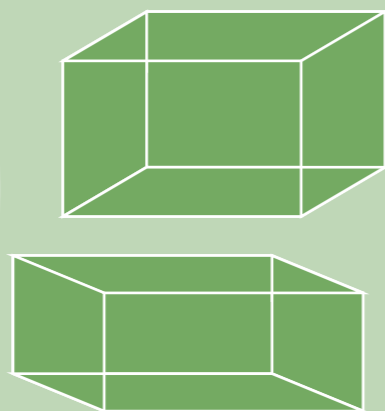
## Year 1 Term 2



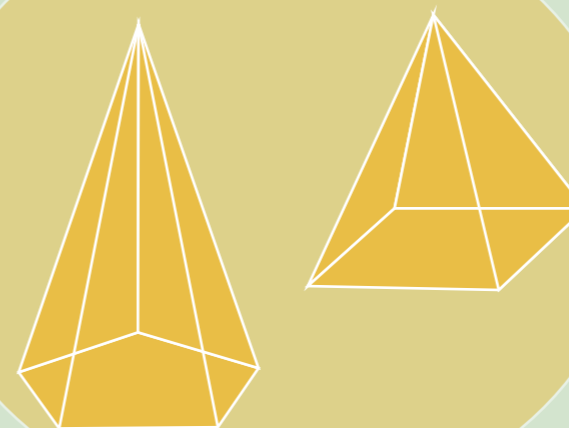
Cuboids are 3D shapes with  
6 rectangle faces



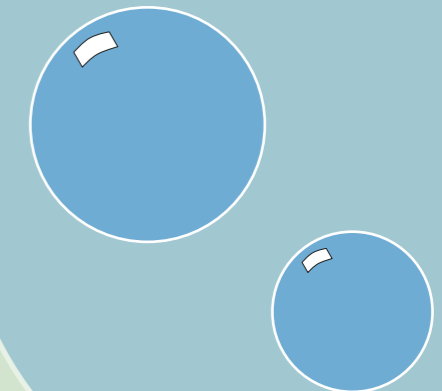
Cubes are special cuboids  
with 6 square faces



Pyramids have a base and  
triangle faces.



Spheres are 3D shapes  
like balls



$$11 = 11 + 0$$

$$11 = 10 + 1$$

$$11 = 9 + 2$$

$$11 = 8 + 3$$

$$11 = 7 + 4$$

$$11 = 6 + 5$$

$$11 = 5 + 6$$

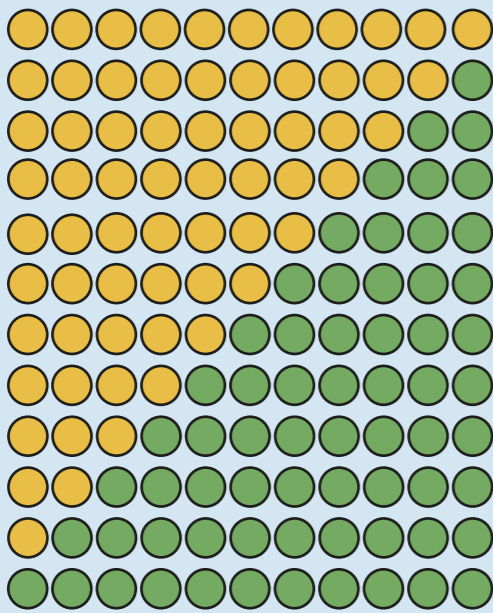
$$11 = 4 + 7$$

$$11 = 3 + 8$$

$$11 = 2 + 9$$

$$11 = 1 + 10$$

$$11 = 0 + 11$$



$$11 - 0 = 11$$

$$11 - 1 = 10$$

$$11 - 2 = 9$$

$$11 - 3 = 8$$

$$11 - 4 = 7$$

$$11 - 5 = 6$$

$$11 - 6 = 5$$

$$11 - 7 = 4$$

$$11 - 8 = 3$$

$$11 - 9 = 2$$

$$11 - 10 = 1$$

$$11 - 11 = 0$$

$$12 = 12 + 0$$

$$12 = 11 + 1$$

$$12 = 10 + 2$$

$$12 = 9 + 3$$

$$12 = 8 + 4$$

$$12 = 7 + 5$$

$$12 = 6 + 6$$

$$12 = 5 + 7$$

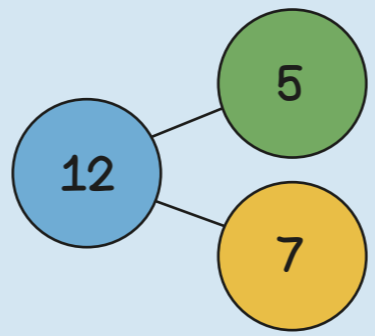
$$12 = 4 + 8$$

$$12 = 3 + 9$$

$$12 = 2 + 10$$

$$12 = 1 + 11$$

$$12 = 0 + 12$$



5 is one part  
7 is one part  
12 is the whole

$$12 - 0 = 12$$

$$12 - 1 = 11$$

$$12 - 2 = 10$$

$$12 - 3 = 9$$

$$12 - 4 = 8$$

$$12 - 5 = 7$$

$$12 - 6 = 6$$

$$12 - 7 = 5$$

$$12 - 8 = 4$$

$$12 - 9 = 3$$

$$12 - 10 = 2$$

$$12 - 11 = 1$$

$$12 - 12 = 0$$

$$13 = 13 + 0$$

$$13 = 12 + 1$$

$$13 = 11 + 2$$

$$13 = 10 + 3$$

$$13 = 9 + 4$$

$$13 = 8 + 5$$

$$13 = 7 + 6$$

$$13 = 6 + 7$$

$$13 = 5 + 8$$

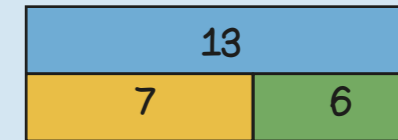
$$13 = 4 + 9$$

$$13 = 3 + 10$$

$$13 = 2 + 11$$

$$13 = 1 + 12$$

$$13 = 0 + 13$$



7 is one part  
6 is one part  
13 is the whole

$$13 - 0 = 13$$

$$13 - 1 = 12$$

$$13 - 2 = 11$$

$$13 - 3 = 10$$

$$13 - 4 = 9$$

$$13 - 5 = 8$$

$$13 - 6 = 7$$

$$13 - 7 = 6$$

$$13 - 8 = 5$$

$$13 - 9 = 4$$

$$13 - 10 = 3$$

$$13 - 11 = 2$$

$$13 - 12 = 1$$

$$13 - 13 = 0$$

$$16 = 16 + 0$$

$$16 = 15 + 1$$

$$16 = 14 + 2$$

$$16 = 13 + 3$$

$$16 = 12 + 4$$

$$16 = 11 + 5$$

$$16 = 10 + 6$$

$$16 = 9 + 7$$

$$16 = 8 + 8$$

$$16 = 7 + 9$$

$$16 = 6 + 10$$

$$16 = 5 + 11$$

$$16 = 4 + 12$$

$$16 = 3 + 13$$

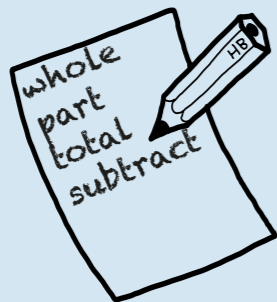
$$16 = 2 + 14$$

$$16 = 1 + 15$$

$$16 = 0 + 16$$



10 is one part  
6 is one part  
16 is the whole



$$16 - 0 = 16$$

$$16 - 1 = 15$$

$$16 - 2 = 14$$

$$16 - 3 = 13$$

$$16 - 4 = 12$$

$$16 - 5 = 11$$

$$16 - 6 = 10$$

$$16 - 7 = 9$$

$$16 - 8 = 8$$

$$16 - 9 = 7$$

$$16 - 10 = 6$$

$$16 - 11 = 5$$

$$16 - 12 = 4$$

$$16 - 13 = 3$$

$$16 - 14 = 2$$

$$16 - 15 = 1$$

$$16 - 16 = 0$$

$$15 = 15 + 0$$

$$15 = 14 + 1$$

$$15 = 13 + 2$$

$$15 = 12 + 3$$

$$15 = 11 + 4$$

$$15 = 10 + 5$$

$$15 = 9 + 6$$

$$15 = 8 + 7$$

$$15 = 7 + 8$$

$$15 = 6 + 9$$

$$15 = 5 + 10$$

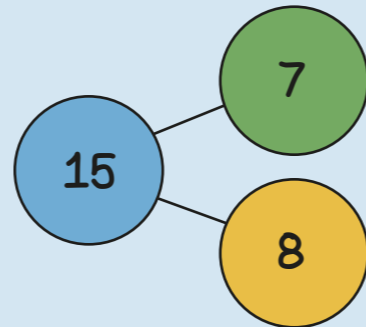
$$15 = 4 + 11$$

$$15 = 3 + 12$$

$$15 = 2 + 13$$

$$15 = 1 + 14$$

$$15 = 0 + 15$$



7 is one part  
8 is one part  
15 is the whole

$$15 - 0 = 15$$

$$15 - 1 = 14$$

$$15 - 2 = 13$$

$$15 - 3 = 12$$

$$15 - 4 = 11$$

$$15 - 5 = 10$$

$$15 - 6 = 9$$

$$15 - 7 = 8$$

$$15 - 8 = 7$$

$$15 - 9 = 6$$

$$15 - 10 = 5$$

$$15 - 11 = 4$$

$$15 - 12 = 3$$

$$15 - 13 = 2$$

$$15 - 14 = 1$$

$$15 - 15 = 0$$

$$14 = 14 + 0$$

$$14 = 13 + 1$$

$$14 = 12 + 2$$

$$14 = 11 + 3$$

$$14 = 10 + 4$$

$$14 = 9 + 5$$

$$14 = 8 + 6$$

$$14 = 7 + 7$$

$$14 = 6 + 8$$

$$14 = 5 + 9$$

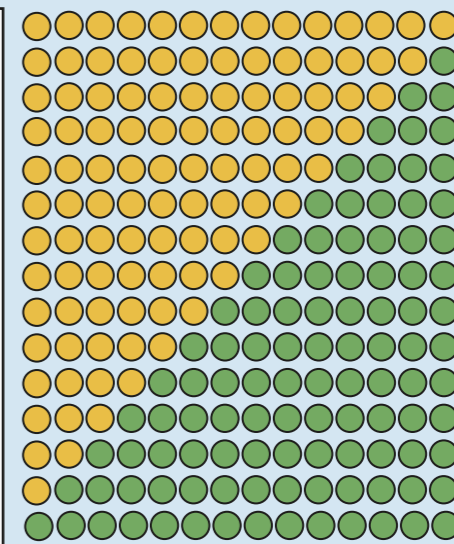
$$14 = 4 + 10$$

$$14 = 3 + 11$$

$$14 = 2 + 12$$

$$14 = 1 + 13$$

$$14 = 0 + 14$$



$$14 - 0 = 14$$

$$14 - 1 = 13$$

$$14 - 2 = 12$$

$$14 - 3 = 11$$

$$14 - 4 = 10$$

$$14 - 5 = 9$$

$$14 - 6 = 8$$

$$14 - 7 = 7$$

$$14 - 8 = 6$$

$$14 - 9 = 5$$

$$14 - 10 = 4$$

$$14 - 11 = 3$$

$$14 - 12 = 2$$

$$14 - 13 = 1$$

$$14 - 14 = 0$$

# Year 1 Term 3



Tree A is taller than tree B  
so tree B is shorter than tree A.



Tree C is the shortest.

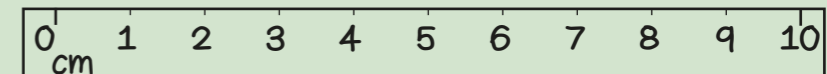
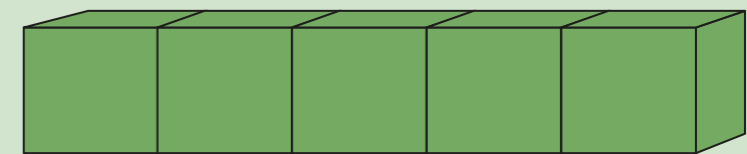


The yellow line is longer than the green line  
so the green line is shorter than the yellow line.



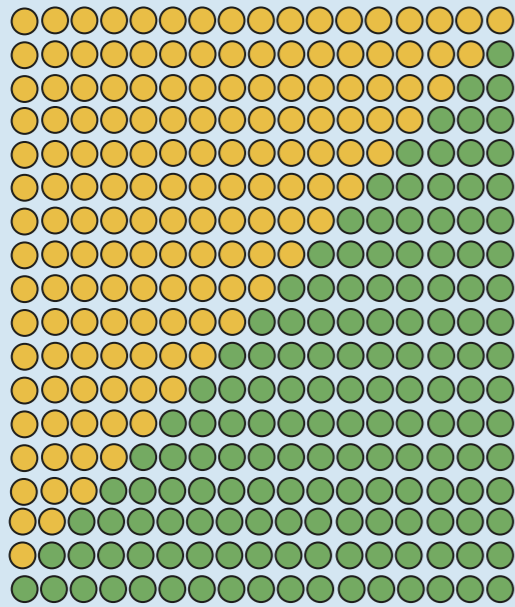
The blue line is longest.

The blue line is 5 blocks long.



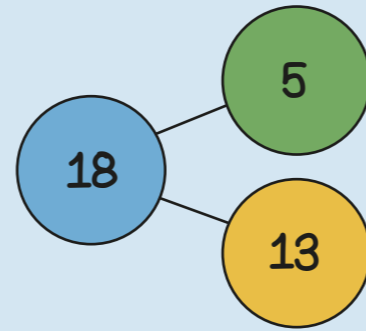
The blue line is 9 centimetres long.

17 = 17 + 0  
 17 = 16 + 1  
 17 = 15 + 2  
 17 = 14 + 3  
 17 = 13 + 4  
 17 = 12 + 5  
 17 = 11 + 6  
 17 = 10 + 7  
 17 = 9 + 8  
 17 = 8 + 9  
 17 = 7 + 10  
 17 = 6 + 11  
 17 = 5 + 12  
 17 = 4 + 13  
 17 = 3 + 14  
 17 = 2 + 15  
 17 = 1 + 16  
 17 = 0 + 17



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

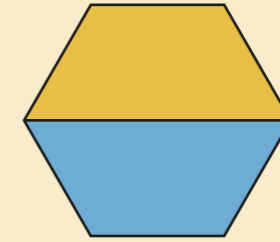
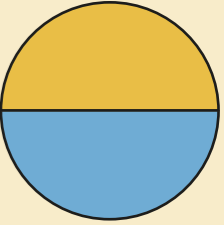
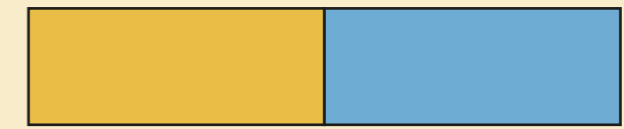
18 = 18 + 0  
 18 = 17 + 1  
 18 = 16 + 2  
 18 = 15 + 3  
 18 = 14 + 4  
 18 = 13 + 5  
 18 = 12 + 6  
 18 = 11 + 7  
 18 = 10 + 8  
 18 = 9 + 9  
 18 = 8 + 10  
 18 = 7 + 11  
 18 = 6 + 12  
 18 = 5 + 13  
 18 = 4 + 14  
 18 = 3 + 15  
 18 = 2 + 16  
 18 = 1 + 17  
 18 = 0 + 18



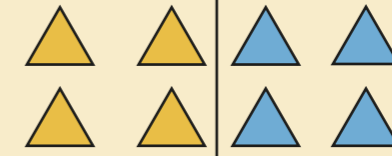
5 is one part  
 13 is one part  
 18 is the whole

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

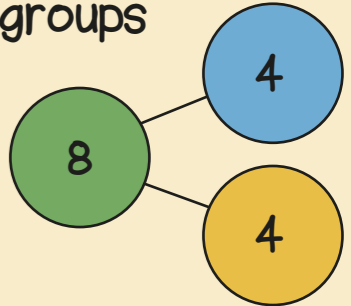
One half is one of two equal parts



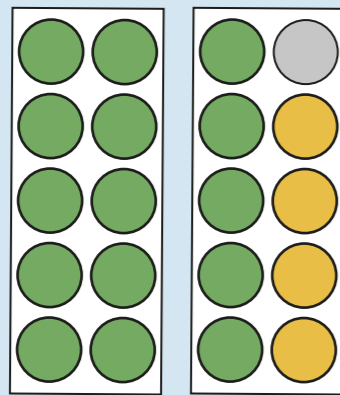
$\frac{1}{2}$  of each shape is yellow.



Share equally into 2 groups



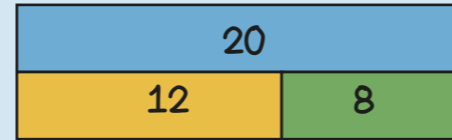
19 = 19 + 0  
 19 = 18 + 1  
 19 = 17 + 2  
 19 = 16 + 3  
 19 = 15 + 4  
 19 = 14 + 5  
 19 = 13 + 6  
 19 = 12 + 7  
 19 = 11 + 8  
 19 = 10 + 9  
 19 = 9 + 10  
 19 = 8 + 11  
 19 = 7 + 12  
 19 = 6 + 13  
 19 = 5 + 14  
 19 = 4 + 15  
 19 = 3 + 16  
 19 = 2 + 17  
 19 = 1 + 18  
 19 = 0 + 19



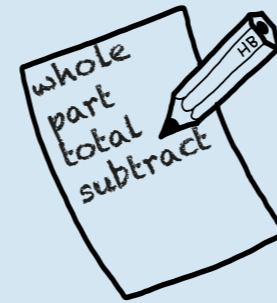
If I know  $5 + 4 = 9$   
 then I also know  $15 + 4 = 19$

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

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

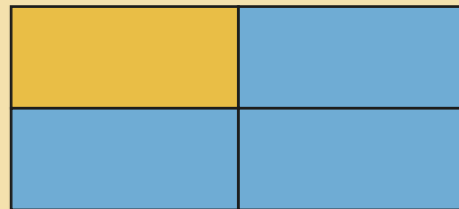


12 is one part  
 8 is one part  
 20 is the whole

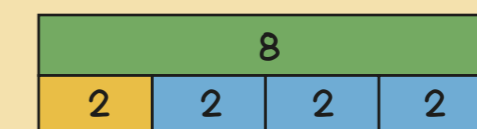
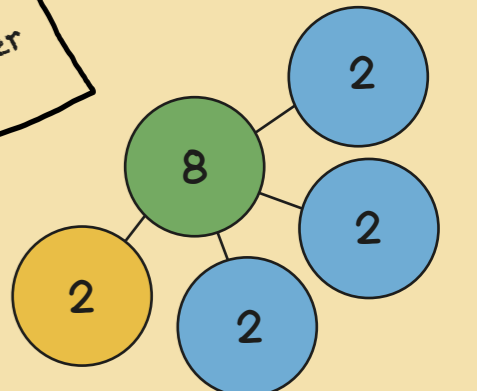
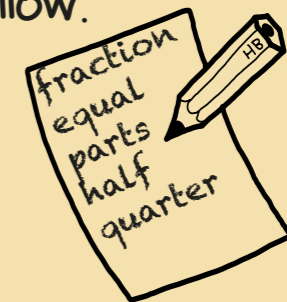
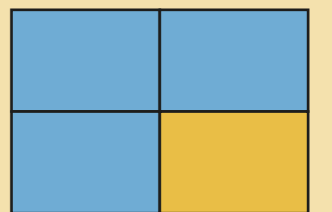


20 - 0 = 20  
 20 - 1 = 19  
 20 - 2 = 18  
 20 - 3 = 17  
 20 - 4 = 16  
 20 - 5 = 15  
 20 - 6 = 14  
 20 - 7 = 13  
 20 - 8 = 12  
 20 - 9 = 11  
 20 - 10 = 10  
 20 - 11 = 9  
 20 - 12 = 8  
 20 - 13 = 7  
 20 - 14 = 6  
 20 - 15 = 5  
 20 - 16 = 4  
 20 - 17 = 3  
 20 - 18 = 2  
 20 - 19 = 1  
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

One quarter is one of four equal parts



$\frac{1}{4}$  of each shape is yellow.



Share into 4 equal groups

# Year 1 Term 4



Backward

Forward



Coco is above Colin

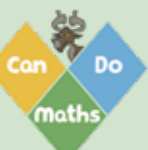
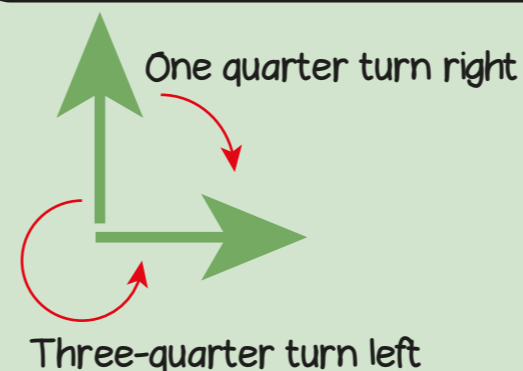


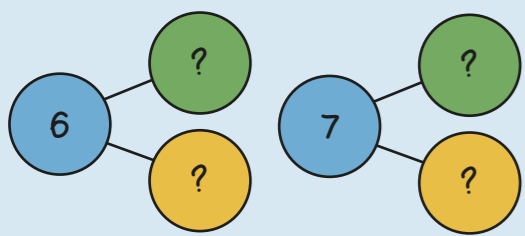
Colin is below Coco



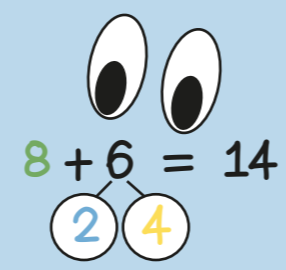
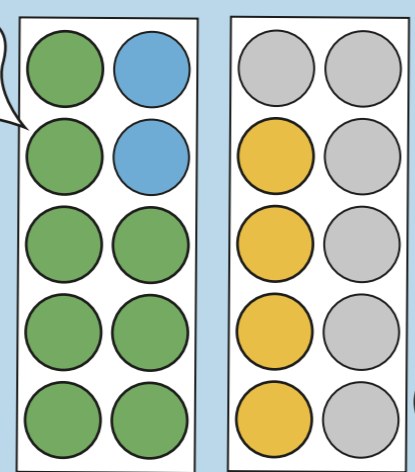
on top of the table

KeePuppI is between Colin and Coco

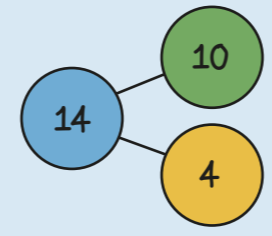




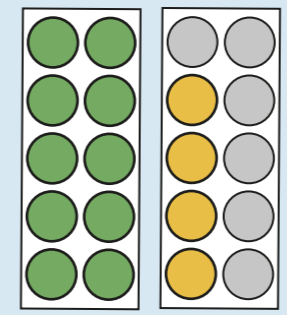
Magic 10



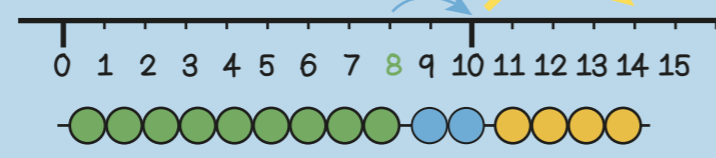
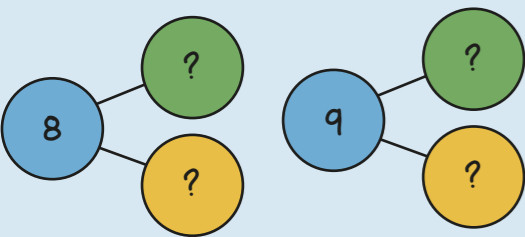
$8 + 6 = ?$   
I know  $8 + 2 = 10$   
then  $10 + 4 = 14$



$4 + 10 = 14$

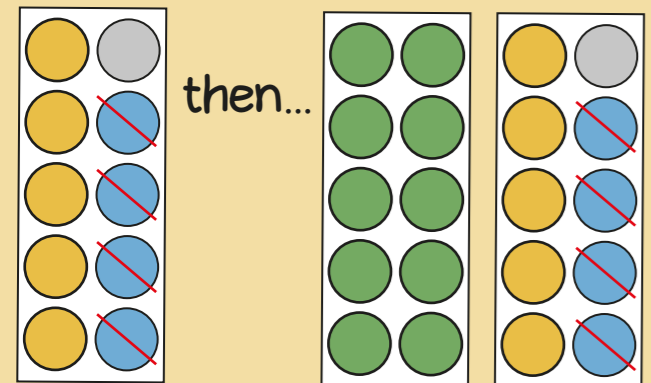
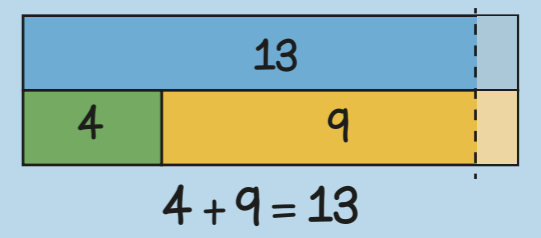
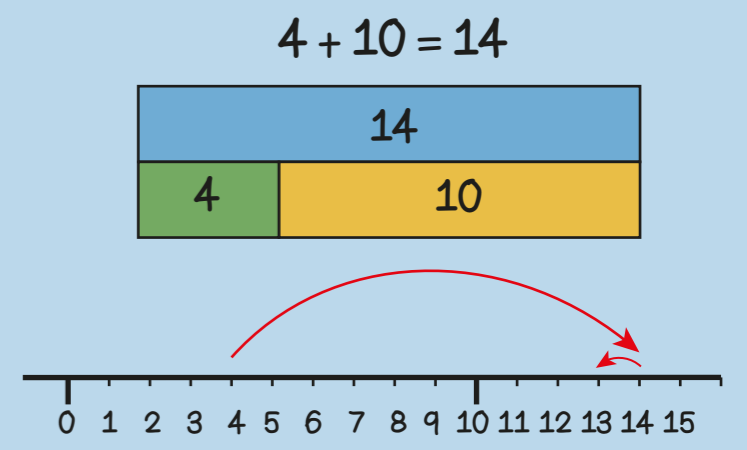


I just know it!

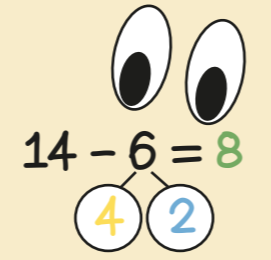
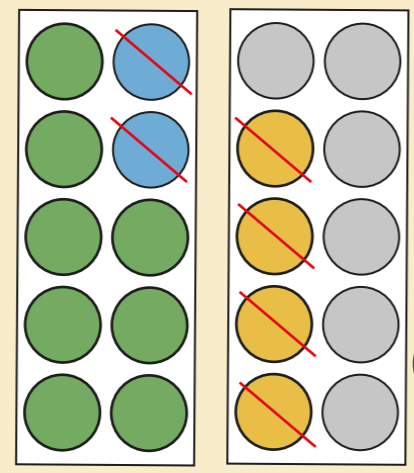


addition  
total  
sum  
part whole  
equals

subtract  
take away  
difference

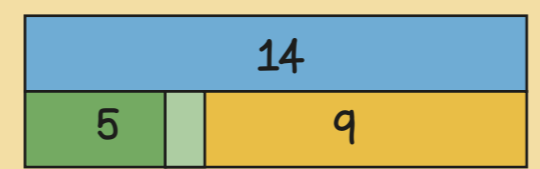
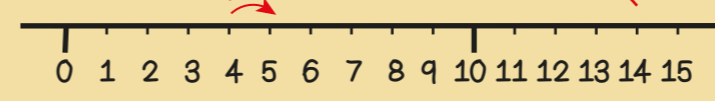
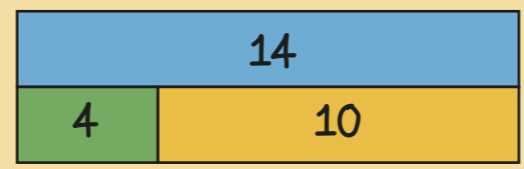


then...

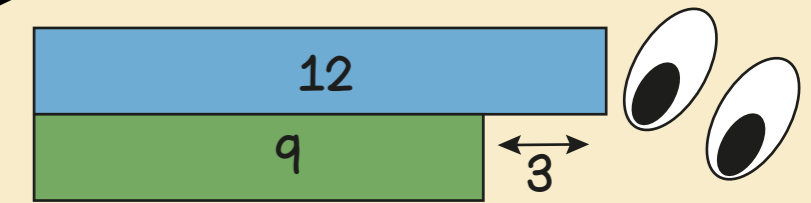


$14 - 6 = ?$   
 $14 - 4 = 10$   
then  $10 - 2 = 8$

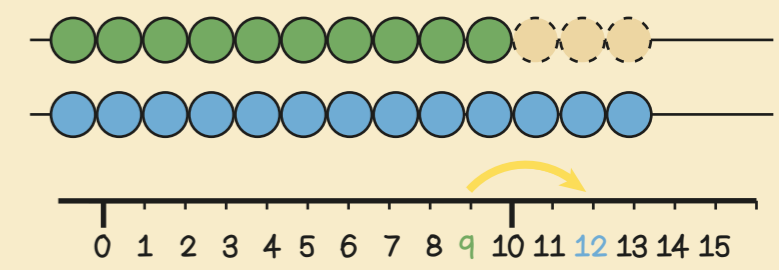
$14 - 10 = 4$



$14 - 9 = 5$

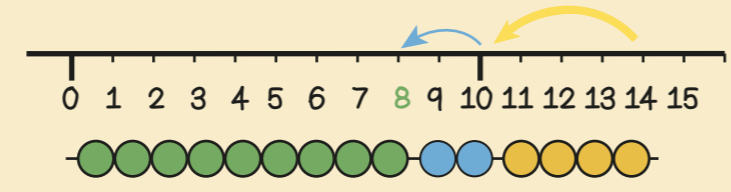


12 is 3 more than 9  
9 is 3 less than 12  
The difference between 12 and 9 is 3



$19 - 4 = ?$

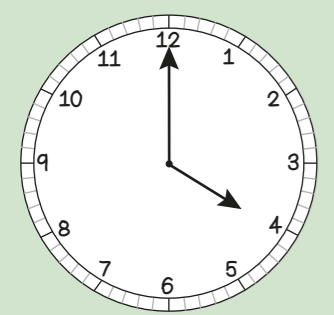
If I know  $9 - 4 = 5$   
then I also know  
 $19 - 4 = 15$



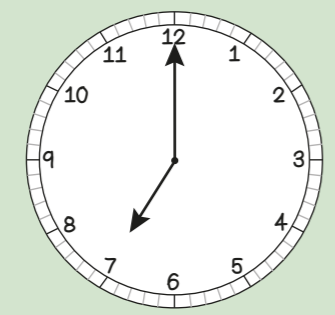
# Year 1 Term 5



Monday Tuesday Wednesday Thursday Friday Saturday Sunday

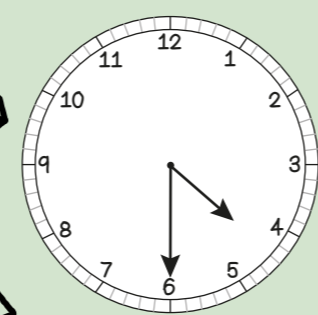


4 o'clock

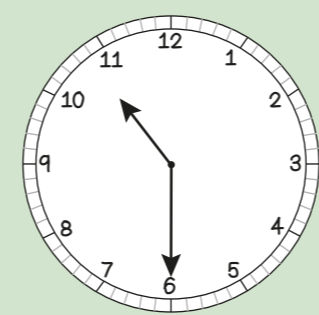


7 o'clock

o'clock  
half past  
tomorrow  
yesterday



Half past 4

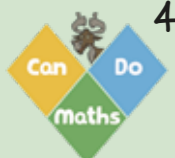


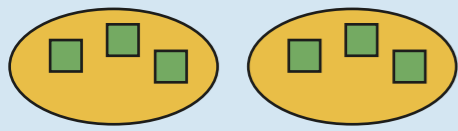
Half past 10

May						
M	T	W	T	F	S	S
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			

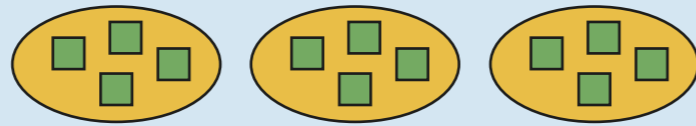
Today is Wednesday 16th May  
Tomorrow is Thursday 17th May  
Yesterday was Tuesday 15th May

January February March April May June July August September October November December





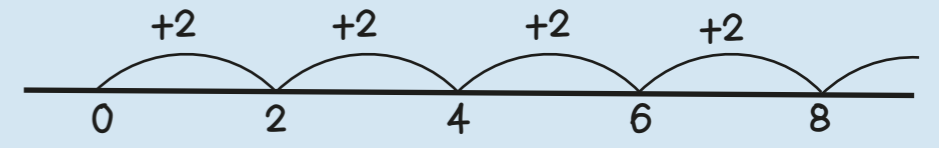
Double 3 is 6  
 $3 + 3 = 6$   
2 groups of 3 = 6



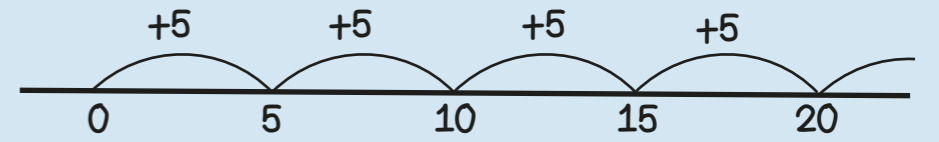
3 groups of 4



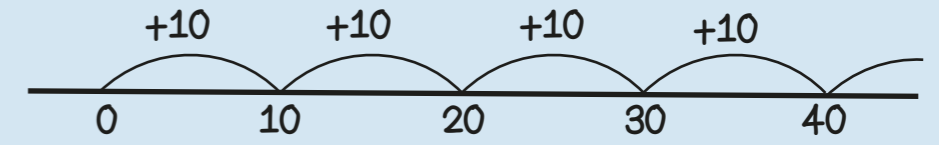
Three groups of 4  
 $4 + 4 + 4 = 12$



0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20 ...

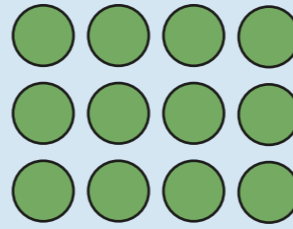
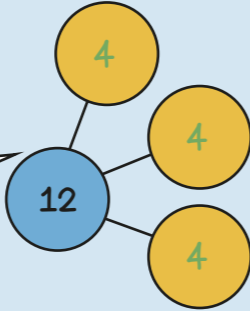


0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 ...

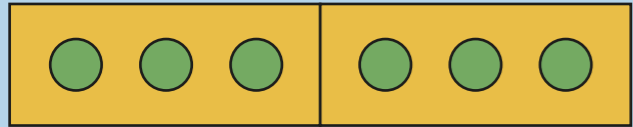


0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 ...

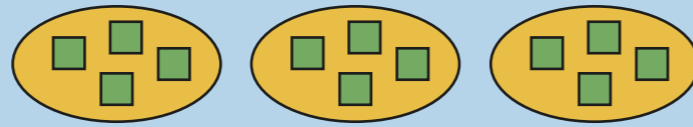
The groups are equal



multiply  
equal  
share  
group  
divide



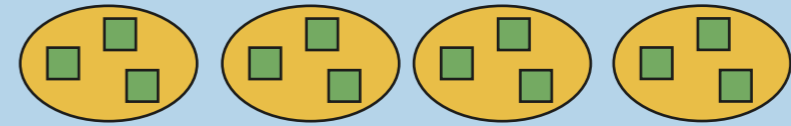
Half of 6 is 3  
6 shared equally into  
2 groups is  
3 in each group



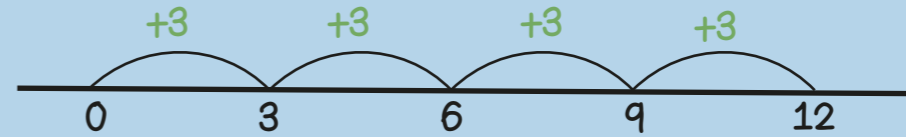
12 divided equally into  
3 groups is  
4 in each group



The groups are equal

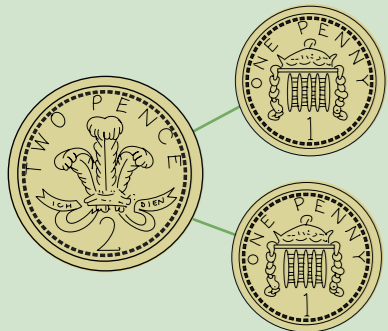


12 divided equally  
into groups of 3  
is 4 groups



There are four 3s  
in twelve

### Bronze coins



2p coin 1p coin

penny  
pence  
coin  
note

### Silver coins



20p coin 10p coin 5p coin



50p coin



£1 coin

### Notes

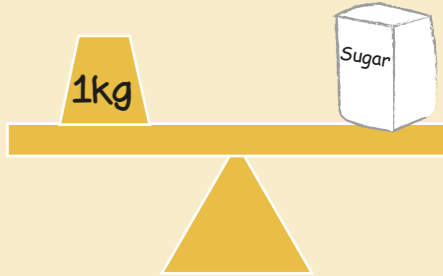


£2 coin

## Year 1 Term 6



The Colin is heavier than Coco  
so Coco is lighter than Colin



heavier than  
lighter than  
kilogram

full  
empty  
litre



The spoon holds less than the bottle  
The bottle holds more than the spoon