

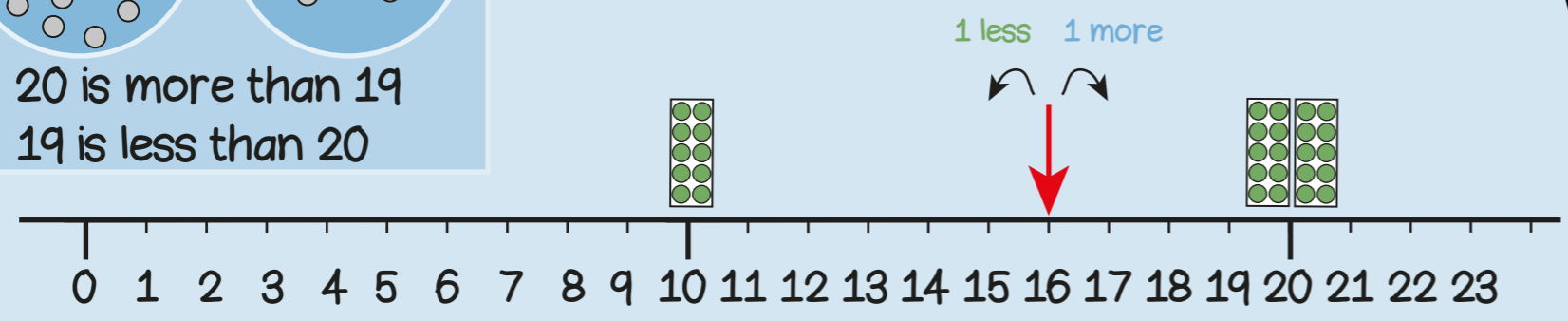
$5 = 5 + 0$		$5 - 0 = 5$
$5 = 4 + 1$		$5 - 1 = 4$
$5 = 3 + 2$		$5 - 2 = 3$
$5 = 2 + 3$		$5 - 3 = 2$
$5 = 1 + 4$		$5 - 4 = 1$
$5 = 0 + 5$		$5 - 5 = 0$

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

20 is more than 19  
19 is less than 20

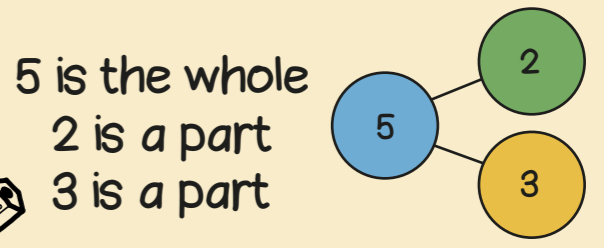
Stop and look.  
What do you notice?

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



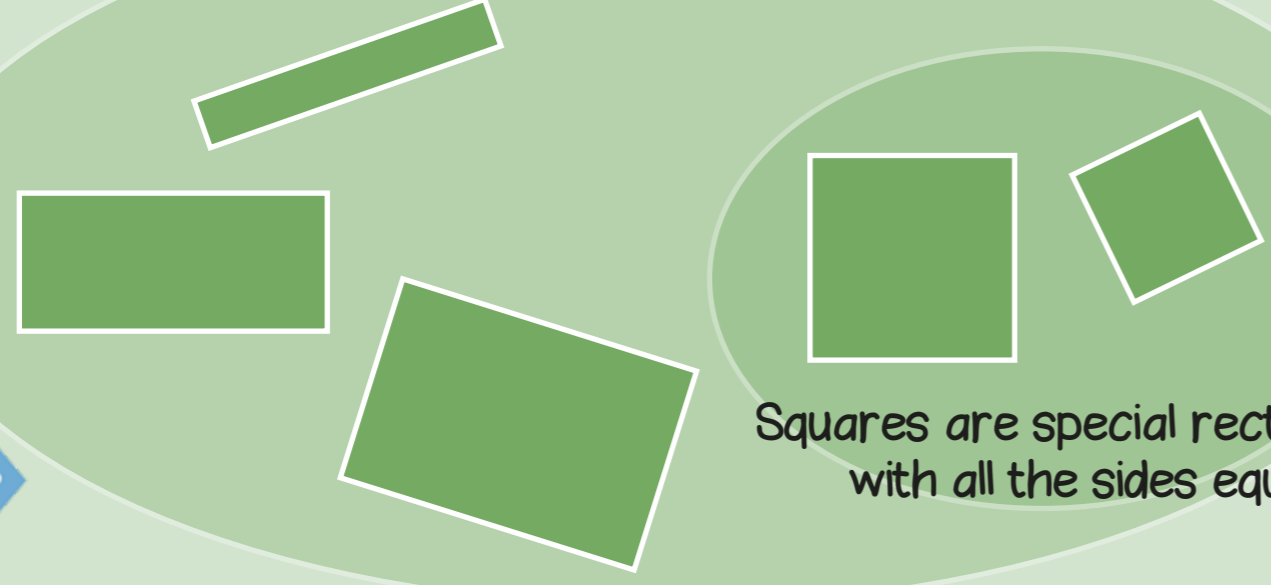
number  
digit  
less  
more  
greater  
ones  
tens

add  
total  
subtract  
left



# Year 1 Term 1

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



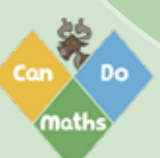
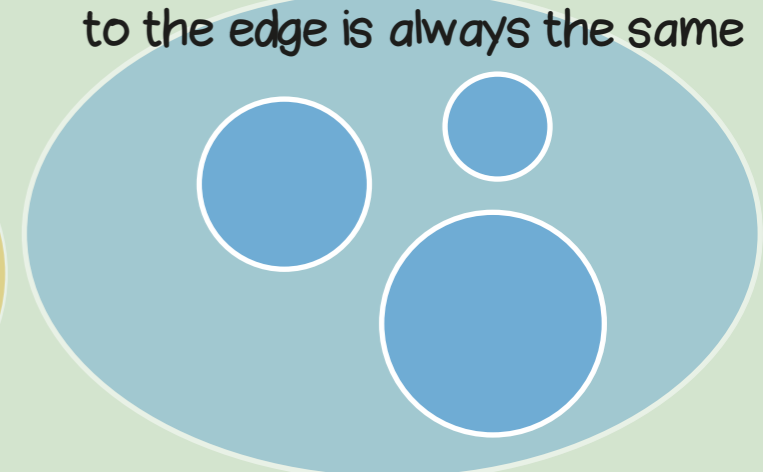
Squares are special rectangles with all the sides equal

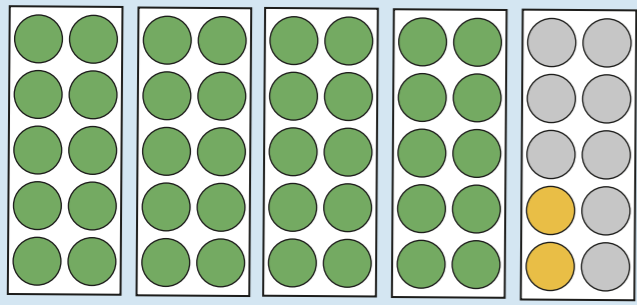
rectangle  
triangle  
square  
circle  
side  
straight

Triangles are 2D shapes with 3 straight sides

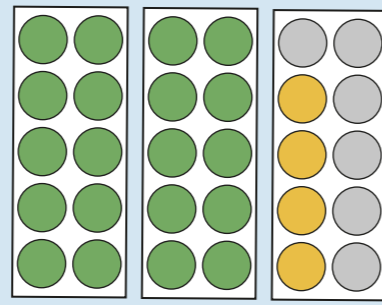


Circles are 2D shapes where the distance from the centre to the edge is always the same





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?

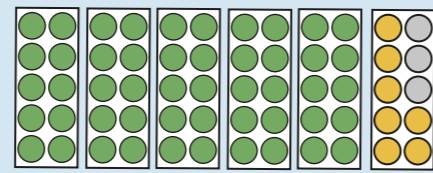
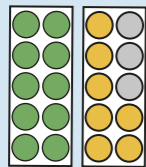
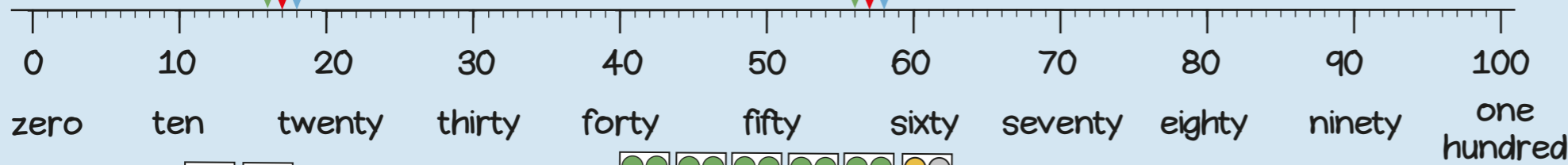


1 less      1 more

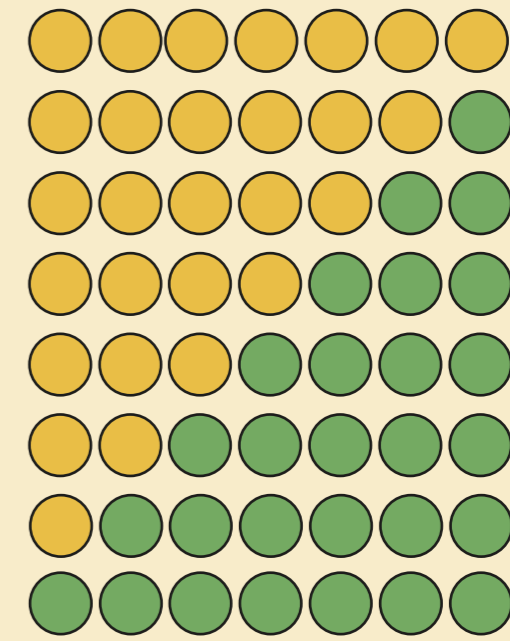
1 less than 17 is 16      1 more than 17 is 18

1 less      1 more

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

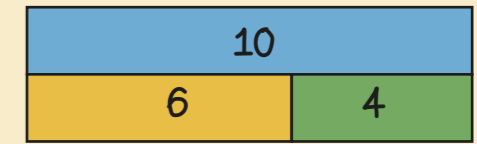
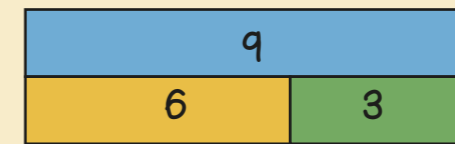
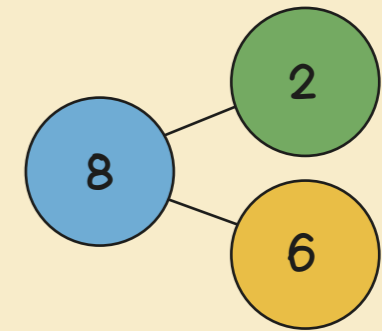


- $7 = 7 + 0$
- $7 = 6 + 1$
- $7 = 5 + 2$
- $7 = 4 + 3$
- $7 = 3 + 4$
- $7 = 2 + 5$
- $7 = 1 + 6$
- $7 = 0 + 7$



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

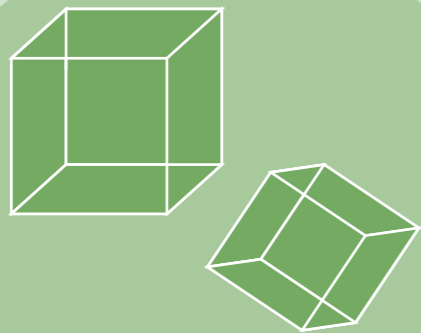
8 is the whole  
2 is a part  
6 is a part



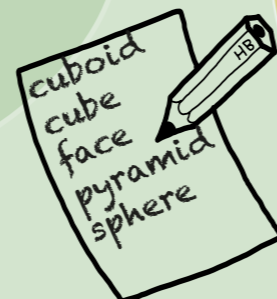
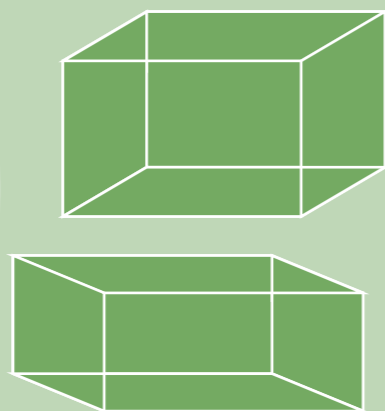
## Year 1 Term 2



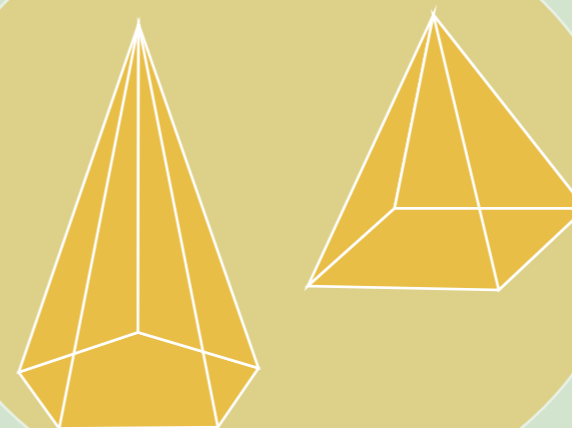
Cuboids are 3D shapes with  
6 rectangle faces



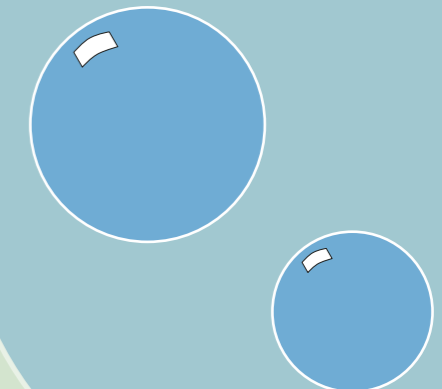
Cubes are special cuboids  
with 6 square faces



Pyramids have a base and  
triangle faces.



Spheres are 3D shapes  
like balls



$$11 = 11 + 0$$

$$11 = 10 + 1$$

$$11 = 9 + 2$$

$$11 = 8 + 3$$

$$11 = 7 + 4$$

$$11 = 6 + 5$$

$$11 = 5 + 6$$

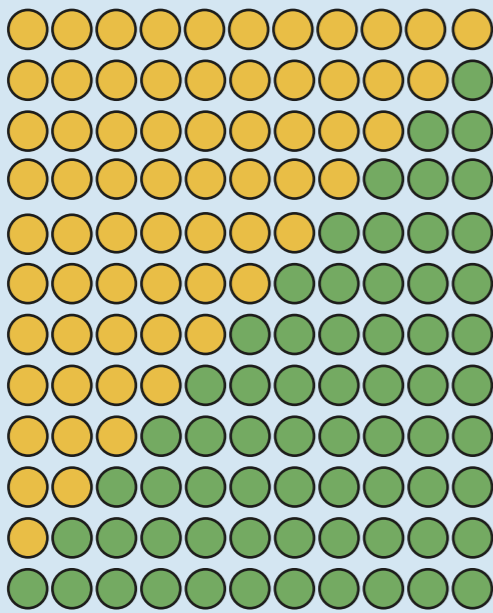
$$11 = 4 + 7$$

$$11 = 3 + 8$$

$$11 = 2 + 9$$

$$11 = 1 + 10$$

$$11 = 0 + 11$$



$$11 - 0 = 11$$

$$11 - 1 = 10$$

$$11 - 2 = 9$$

$$11 - 3 = 8$$

$$11 - 4 = 7$$

$$11 - 5 = 6$$

$$11 - 6 = 5$$

$$11 - 7 = 4$$

$$11 - 8 = 3$$

$$11 - 9 = 2$$

$$11 - 10 = 1$$

$$11 - 11 = 0$$

$$12 = 12 + 0$$

$$12 = 11 + 1$$

$$12 = 10 + 2$$

$$12 = 9 + 3$$

$$12 = 8 + 4$$

$$12 = 7 + 5$$

$$12 = 6 + 6$$

$$12 = 5 + 7$$

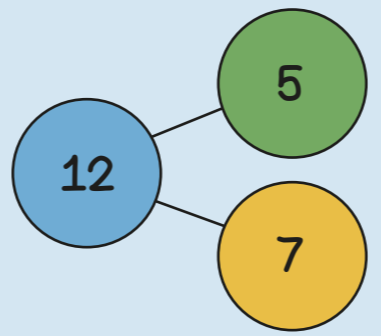
$$12 = 4 + 8$$

$$12 = 3 + 9$$

$$12 = 2 + 10$$

$$12 = 1 + 11$$

$$12 = 0 + 12$$



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

$$12 - 0 = 12$$

$$12 - 1 = 11$$

$$12 - 2 = 10$$

$$12 - 3 = 9$$

$$12 - 4 = 8$$

$$12 - 5 = 7$$

$$12 - 6 = 6$$

$$12 - 7 = 5$$

$$12 - 8 = 4$$

$$12 - 9 = 3$$

$$12 - 10 = 2$$

$$12 - 11 = 1$$

$$12 - 12 = 0$$

$$13 = 13 + 0$$

$$13 = 12 + 1$$

$$13 = 11 + 2$$

$$13 = 10 + 3$$

$$13 = 9 + 4$$

$$13 = 8 + 5$$

$$13 = 7 + 6$$

$$13 = 6 + 7$$

$$13 = 5 + 8$$

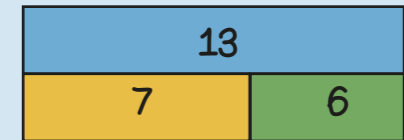
$$13 = 4 + 9$$

$$13 = 3 + 10$$

$$13 = 2 + 11$$

$$13 = 1 + 12$$

$$13 = 0 + 13$$



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

$$13 - 0 = 13$$

$$13 - 1 = 12$$

$$13 - 2 = 11$$

$$13 - 3 = 10$$

$$13 - 4 = 9$$

$$13 - 5 = 8$$

$$13 - 6 = 7$$

$$13 - 7 = 6$$

$$13 - 8 = 5$$

$$13 - 9 = 4$$

$$13 - 10 = 3$$

$$13 - 11 = 2$$

$$13 - 12 = 1$$

$$13 - 13 = 0$$

$$16 = 16 + 0$$

$$16 = 15 + 1$$

$$16 = 14 + 2$$

$$16 = 13 + 3$$

$$16 = 12 + 4$$

$$16 = 11 + 5$$

$$16 = 10 + 6$$

$$16 = 9 + 7$$

$$16 = 8 + 8$$

$$16 = 7 + 9$$

$$16 = 6 + 10$$

$$16 = 5 + 11$$

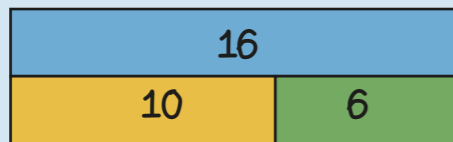
$$16 = 4 + 12$$

$$16 = 3 + 13$$

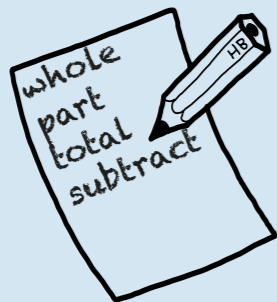
$$16 = 2 + 14$$

$$16 = 1 + 15$$

$$16 = 0 + 16$$



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



$$16 - 0 = 16$$

$$16 - 1 = 15$$

$$16 - 2 = 14$$

$$16 - 3 = 13$$

$$16 - 4 = 12$$

$$16 - 5 = 11$$

$$16 - 6 = 10$$

$$16 - 7 = 9$$

$$16 - 8 = 8$$

$$16 - 9 = 7$$

$$16 - 10 = 6$$

$$16 - 11 = 5$$

$$16 - 12 = 4$$

$$16 - 13 = 3$$

$$16 - 14 = 2$$

$$16 - 15 = 1$$

$$16 - 16 = 0$$

$$15 = 15 + 0$$

$$15 = 14 + 1$$

$$15 = 13 + 2$$

$$15 = 12 + 3$$

$$15 = 11 + 4$$

$$15 = 10 + 5$$

$$15 = 9 + 6$$

$$15 = 8 + 7$$

$$15 = 7 + 8$$

$$15 = 6 + 9$$

$$15 = 5 + 10$$

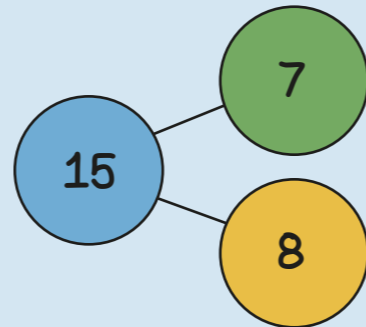
$$15 = 4 + 11$$

$$15 = 3 + 12$$

$$15 = 2 + 13$$

$$15 = 1 + 14$$

$$15 = 0 + 15$$



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

$$15 - 0 = 15$$

$$15 - 1 = 14$$

$$15 - 2 = 13$$

$$15 - 3 = 12$$

$$15 - 4 = 11$$

$$15 - 5 = 10$$

$$15 - 6 = 9$$

$$15 - 7 = 8$$

$$15 - 8 = 7$$

$$15 - 9 = 6$$

$$15 - 10 = 5$$

$$15 - 11 = 4$$

$$15 - 12 = 3$$

$$15 - 13 = 2$$

$$15 - 14 = 1$$

$$15 - 15 = 0$$

$$14 = 14 + 0$$

$$14 = 13 + 1$$

$$14 = 12 + 2$$

$$14 = 11 + 3$$

$$14 = 10 + 4$$

$$14 = 9 + 5$$

$$14 = 8 + 6$$

$$14 = 7 + 7$$

$$14 = 6 + 8$$

$$14 = 5 + 9$$

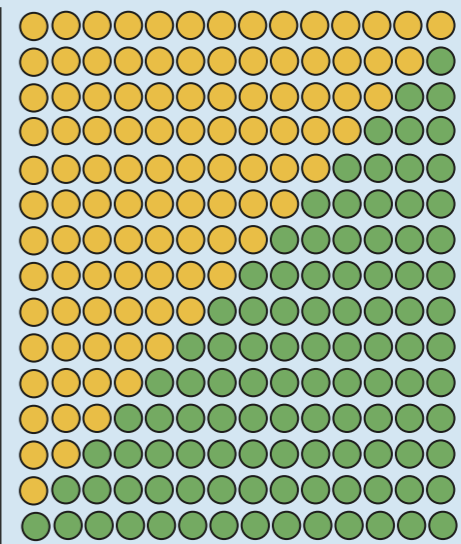
$$14 = 4 + 10$$

$$14 = 3 + 11$$

$$14 = 2 + 12$$

$$14 = 1 + 13$$

$$14 = 0 + 14$$



$$14 - 0 = 14$$

$$14 - 1 = 13$$

$$14 - 2 = 12$$

$$14 - 3 = 11$$

$$14 - 4 = 10$$

$$14 - 5 = 9$$

$$14 - 6 = 8$$

$$14 - 7 = 7$$

$$14 - 8 = 6$$

$$14 - 9 = 5$$

$$14 - 10 = 4$$

$$14 - 11 = 3$$

$$14 - 12 = 2$$

$$14 - 13 = 1$$

$$14 - 14 = 0$$

# Year 1 Term 3



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



Tree C is the shortest.

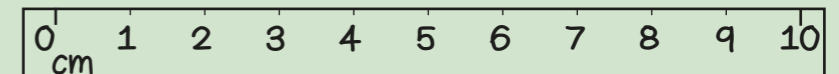
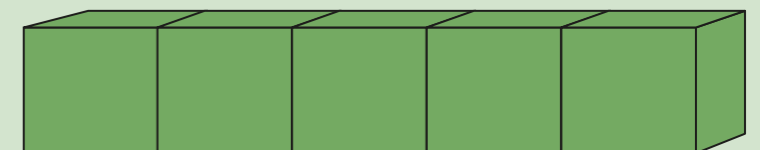


The yellow line is longer than the green line  
so the green line is shorter than the yellow line.

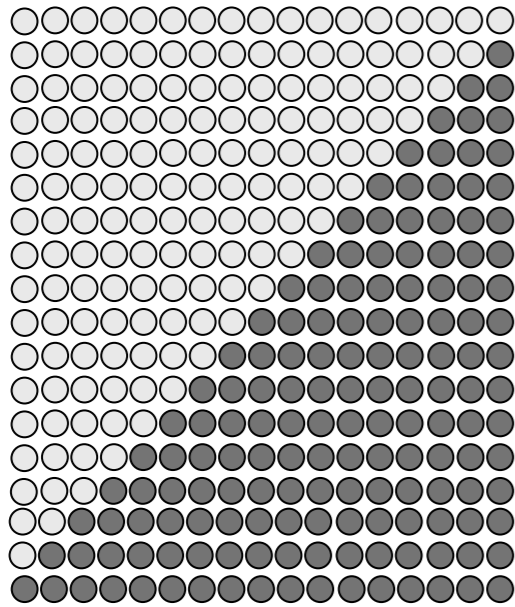


The blue line is longest.

The blue line is 5 blocks long.



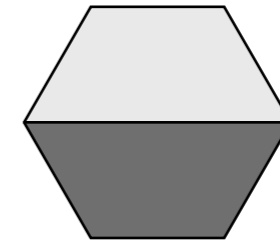
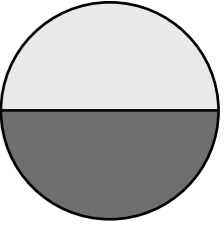
The blue line is 9 centimetres long.



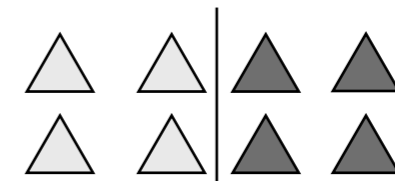
- 18 = 18 + 0
- 18 = 17 + 1
- 18 = 16 + 2
- 18 = 15 + 3
- 18 = 14 + 4
- 18 = 13 + 5
- 18 = 12 + 6
- 18 = 11 + 7
- 18 = 10 + 8
- 18 = 9 + 9
- 18 = 8 + 10
- 18 = 7 + 11
- 18 = 6 + 12
- 18 = 5 + 13
- 18 = 4 + 14
- 18 = 3 + 15
- 18 = 2 + 16
- 18 = 1 + 17
- 18 = 0 + 18

- 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

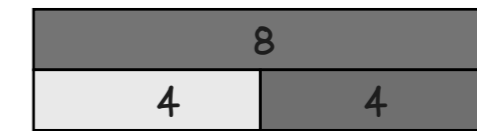
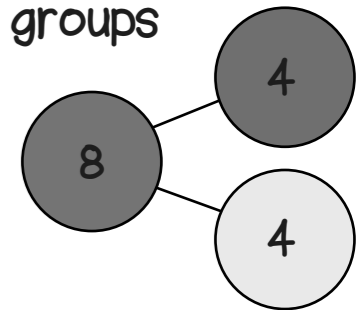
One half is one of two equal parts



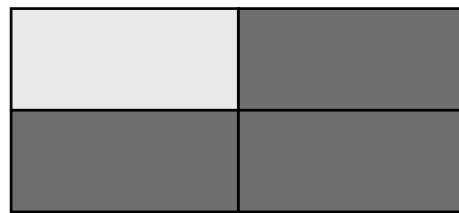
$\frac{1}{2}$  of each shape is yellow.



Share equally into 2 groups



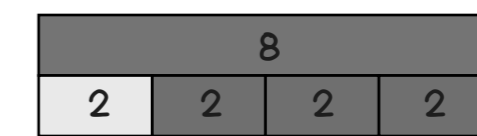
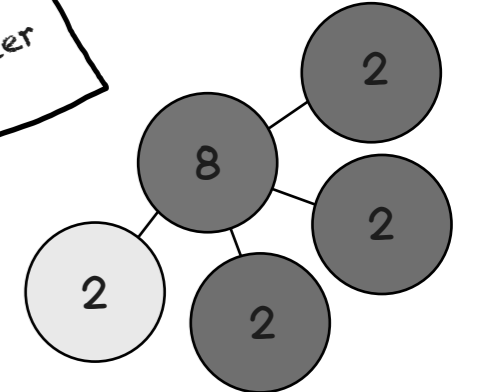
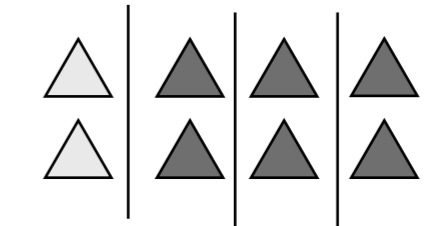
One quarter is one of four equal parts



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

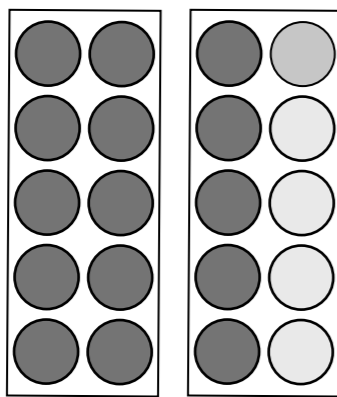


fraction equal parts half quarter



Share into 4 equal 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

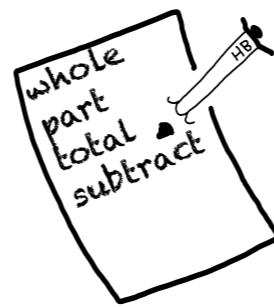


If I know  $5 + 4 = 9$  then I also know  $15 + 4 = 19$

- 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

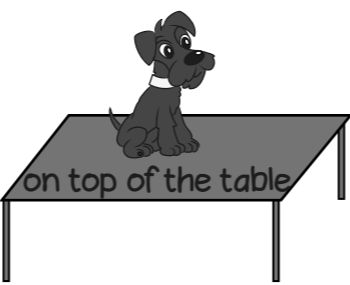
- 20 - 0 = 20
- 20 - 1 = 19
- 20 - 2 = 18
- 20 - 3 = 17
- 20 - 4 = 16
- 20 - 5 = 15
- 20 - 6 = 14
- 20 - 7 = 13
- 20 - 8 = 12
- 20 - 9 = 11
- 20 - 10 = 10
- 20 - 11 = 9
- 20 - 12 = 8
- 20 - 13 = 7
- 20 - 14 = 6
- 20 - 15 = 5
- 20 - 16 = 4
- 20 - 17 = 3
- 20 - 18 = 2
- 20 - 19 = 1
- 20 - 20 = 0



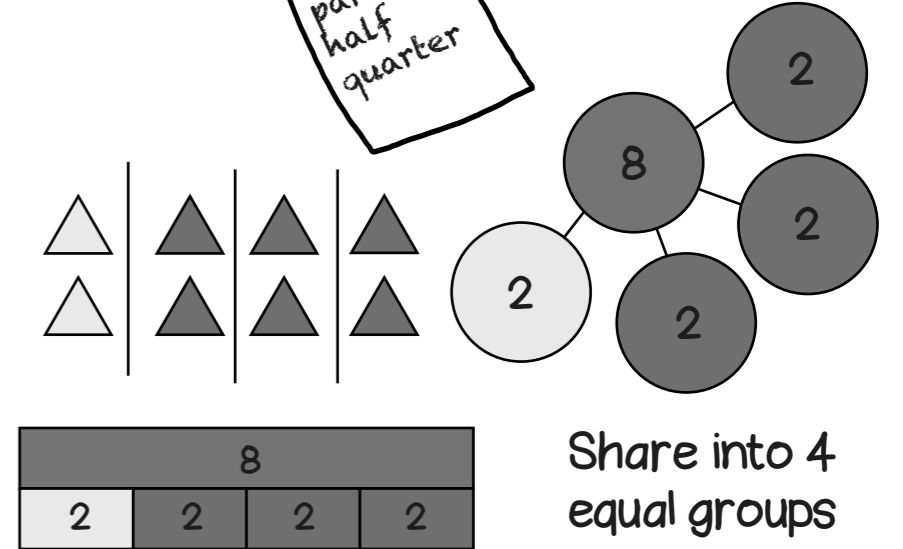
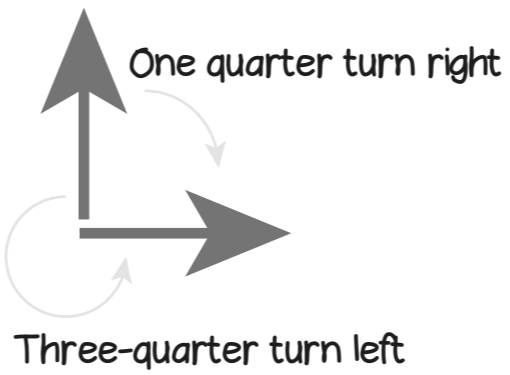
fraction equal parts half quarter

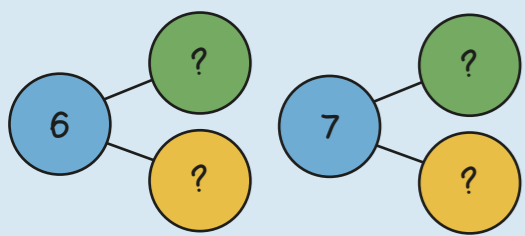


Coco is above Colin  
Colin is below Coco

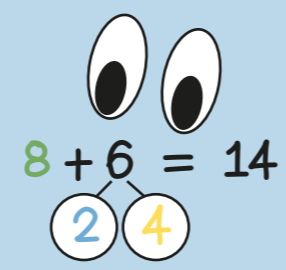
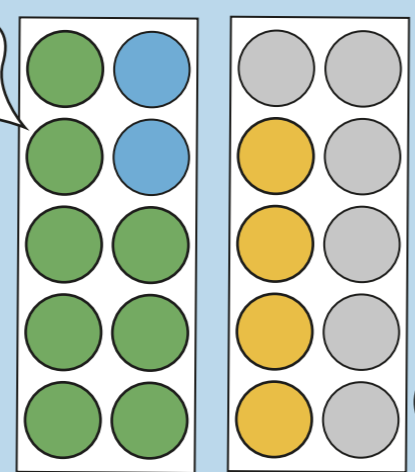


KeePuppI is between Colin and Coco

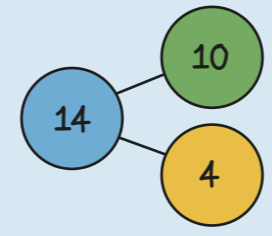




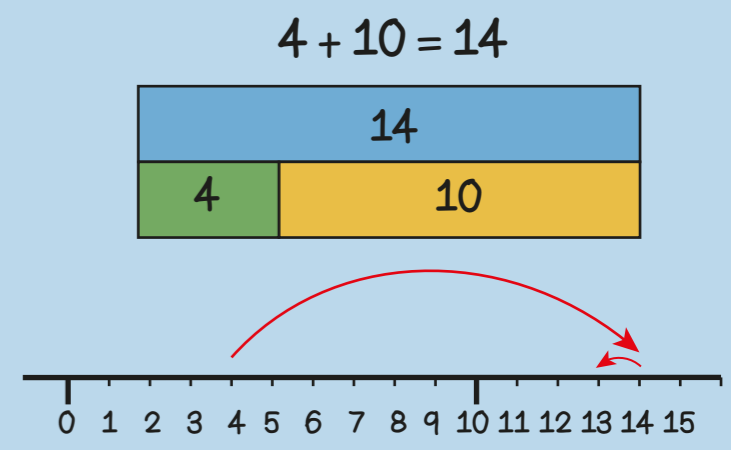
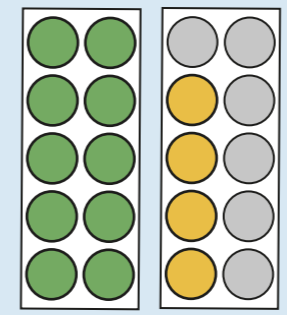
Magic 10



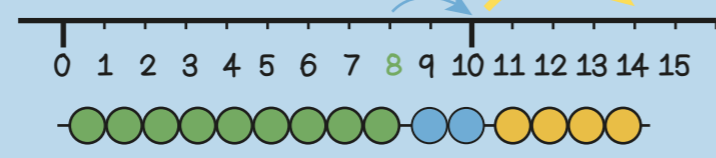
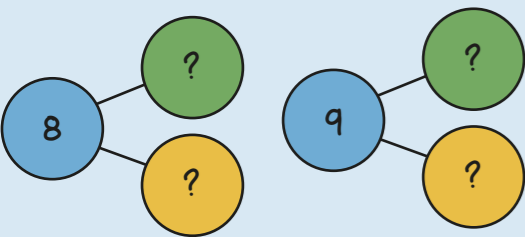
$8 + 6 = ?$   
I know  $8 + 2 = 10$   
then  $10 + 4 = 14$



$4 + 10 = 14$

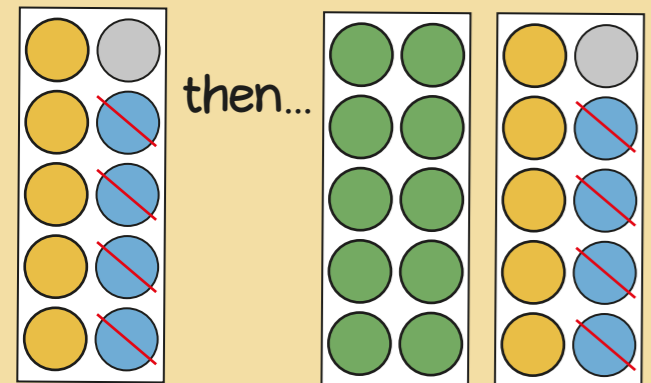
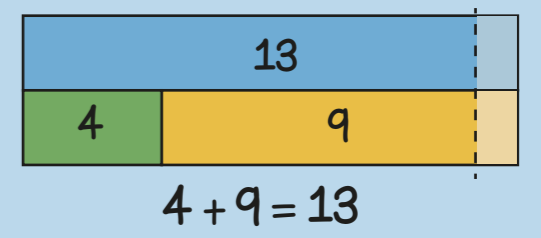


I just know it!

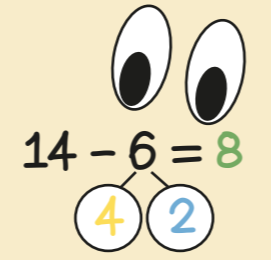
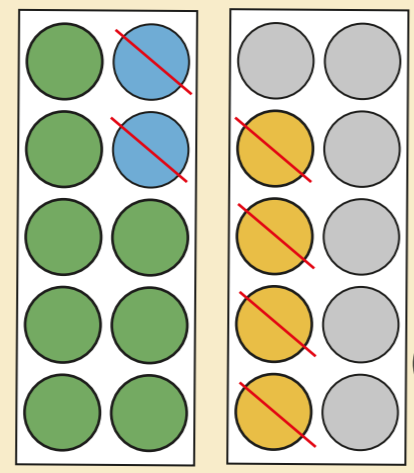


addition  
total  
sum  
part whole  
equals

subtract  
take away  
difference

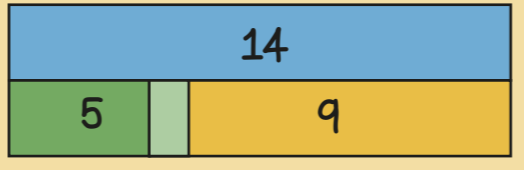
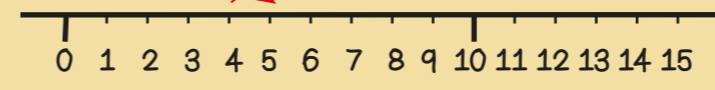
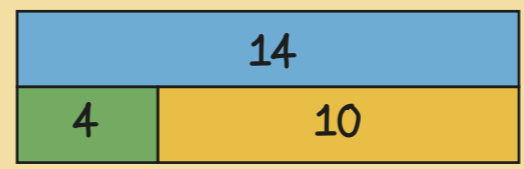


then...

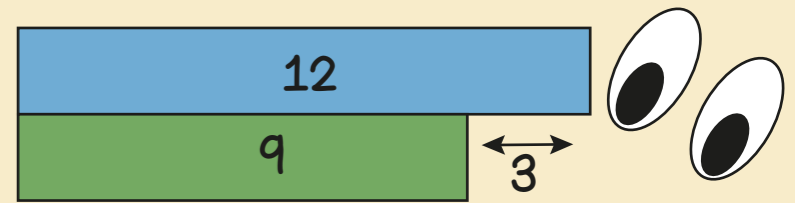


$14 - 6 = ?$   
 $14 - 4 = 10$   
then  $10 - 2 = 8$

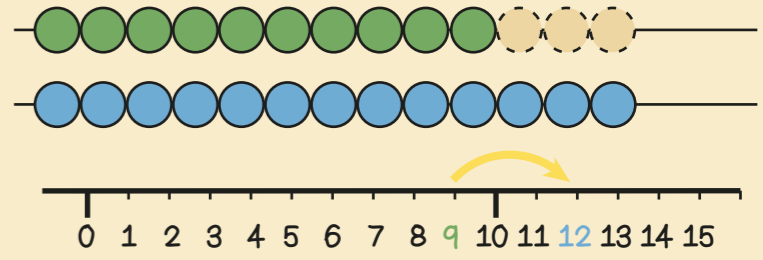
$14 - 10 = 4$



$14 - 9 = 5$

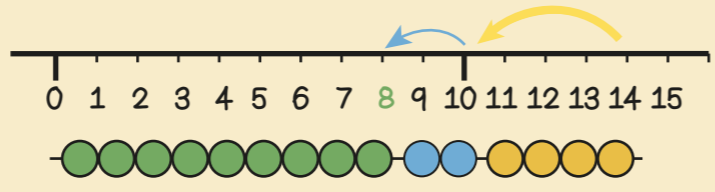


12 is 3 more than 9  
9 is 3 less than 12  
The difference between 12 and 9 is 3



$19 - 4 = ?$

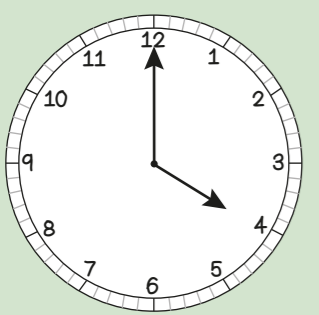
If I know  $9 - 4 = 5$   
then I also know  
 $19 - 4 = 15$



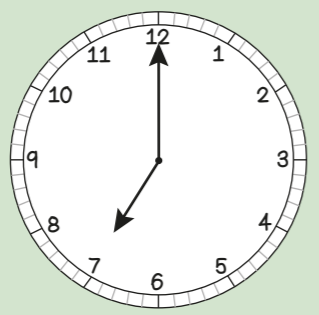
# Year 1 Term 5



Monday Tuesday Wednesday Thursday Friday Saturday Sunday

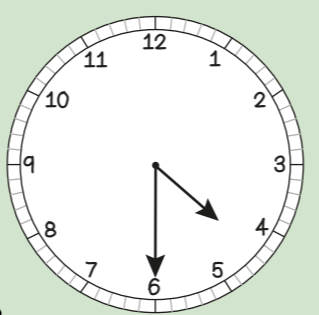


4 o'clock

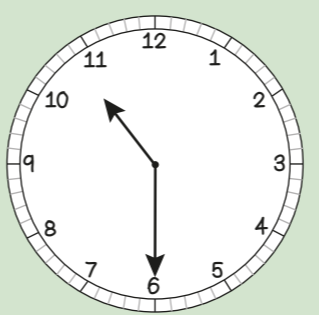


7 o'clock

o'clock  
half past  
tomorrow  
yesterday



Half past 4

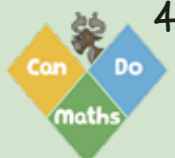


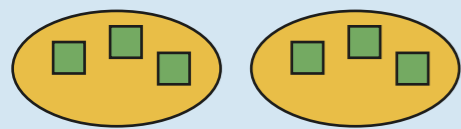
Half past 10

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			

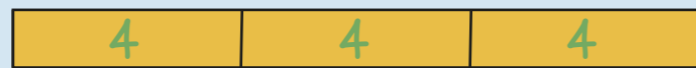
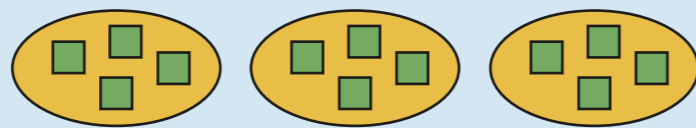
Today is Wednesday 16th May  
Tomorrow is Thursday 17th May  
Yesterday was Tuesday 15th May

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





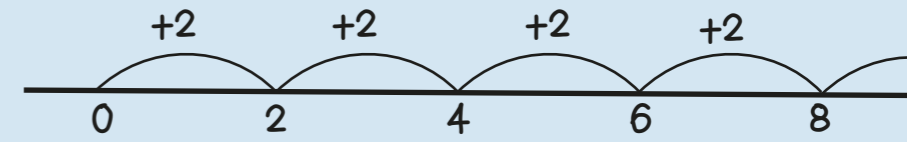
Double 3 is 6  
 $3 + 3 = 6$   
 2 groups of 3 = 6



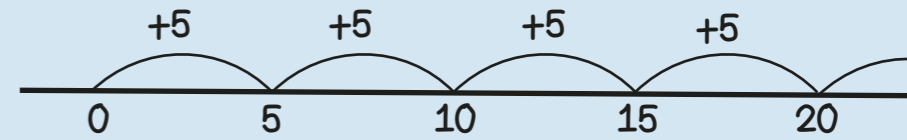
3 groups of 4



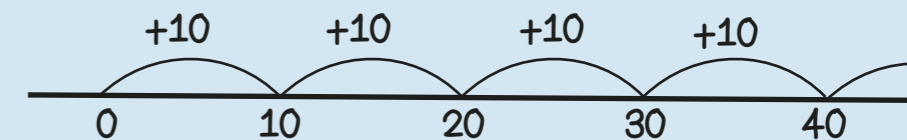
Three groups of 4  
 $4 + 4 + 4 = 12$



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

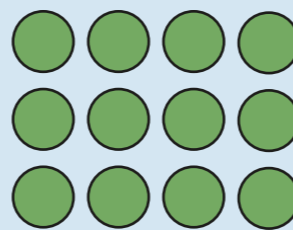
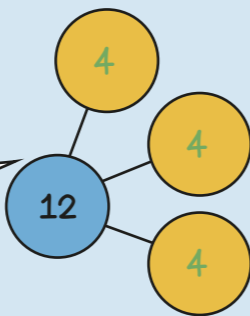


0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 ...

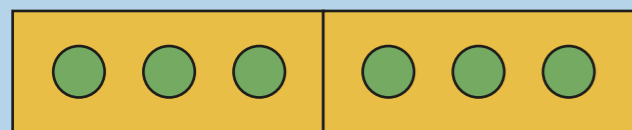


0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 ...

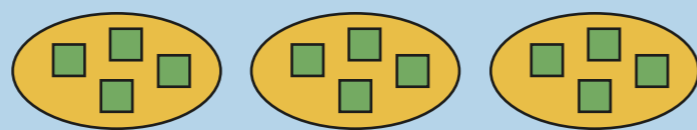
The groups are equal



multiply  
 equal  
 share  
 group  
 divide



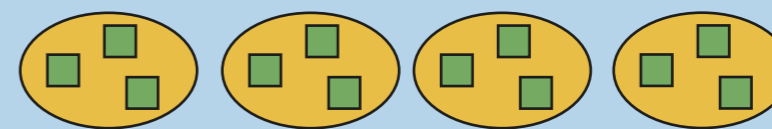
Half of 6 is 3  
 6 shared equally into  
 2 groups is  
 3 in each group



12 divided equally into  
 3 groups is  
 4 in each group

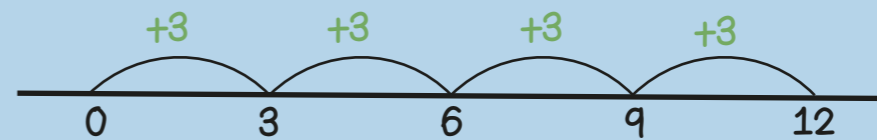


The groups are equal



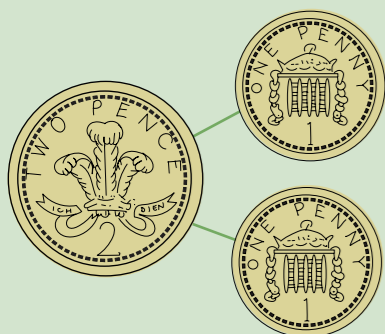
12 divided equally  
 into groups of 3  
 is 4 groups

There are four 3s  
 in twelve



# Year 1 Term 6

## Bronze coins



2p coin      1p coin

penny  
 pence  
 coin  
 note

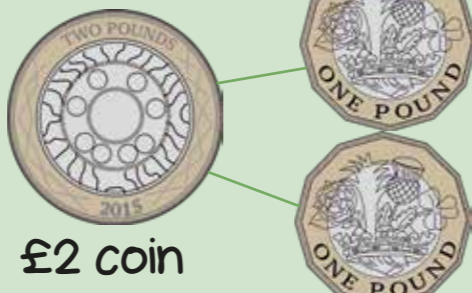
## Silver coins



20p coin      10p coin      50p coin      £1 coin

5p coin

## Notes



£2 coin

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

