



Year 1 Mathematics Core Knowledge Organiser

Count in 'Five Style'

0	1	2	3	4	5
zero	one	two	three	four	five

6	7	8	9	10
six	seven	eight	nine	ten

Number Facts

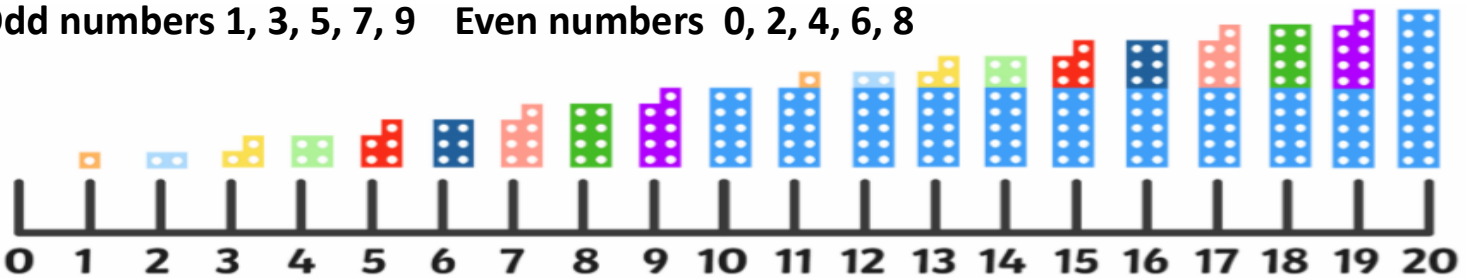
2	3
0 + 2 1 + 1	0 + 3 1 + 2
4	5
0 + 4 1 + 3 2 + 2	0 + 5 1 + 4 2 + 3
6	7
0 + 6 1 + 5 2 + 4 3 + 3	0 + 7 1 + 6 2 + 5 3 + 4
8	9
0 + 8 1 + 7 2 + 6 3 + 5 4 + 4	0 + 9 1 + 8 2 + 7 3 + 6 4 + 5
10	
0 + 10 1 + 9 2 + 8 3 + 7 4 + 6 5 + 5	

Number Bonds to 20

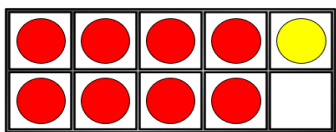
20 + 0 0 + 20	19 + 1 1 + 19	18 + 2 2 + 18	17 + 3 3 + 17	16 + 4 4 + 16
15 + 5 5 + 15	14 + 6 6 + 14	13 + 7 7 + 13	12 + 8 8 + 12	11 + 9 9 + 11
10 + 10				

Number Line

Odd numbers 1, 3, 5, 7, 9 Even numbers 0, 2, 4, 6, 8

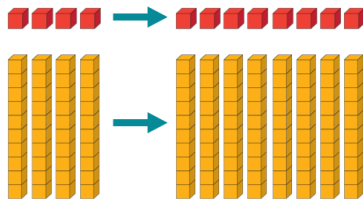


Addition

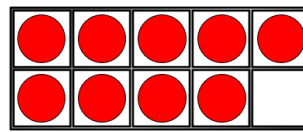


1 more than 8 is 9
9 is 1 more than 8

Double 4 is 8
Double 40 is 80

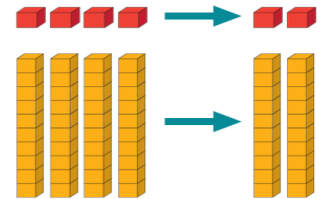


Subtraction



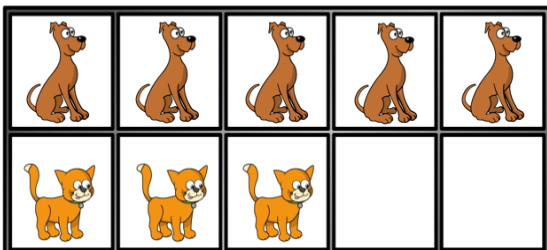
1 less than 9 is 8
8 is 1 less than 9

Half of 4 is 2
Half of 40 is 20



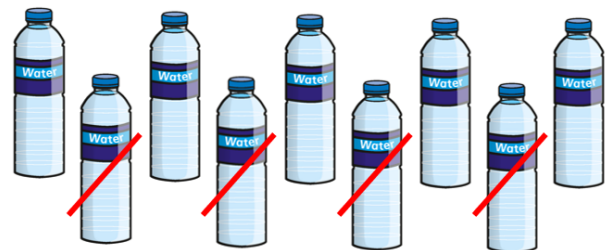
Addition

There are 8 animals altogether.



One part is 5 and the other part is 3

The whole is 8 5 + 3 = 8

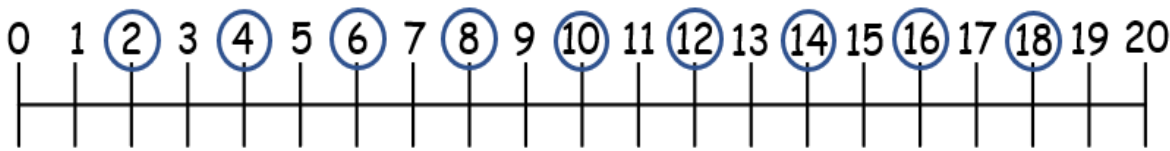


First there were 9 bottles of water.

Then 4 bottles were drunk.

Now there are 5 bottles of water.

Multiplication: Count 2s, 10s, 5s



Counting in 10s is double counting in 5s

Counting in 5s is half of counting in 10s



Number	Double
1	2
2	4
3	6
4	8
5	10
6	12
7	14
8	16
9	18
10	20

Division: Grouping

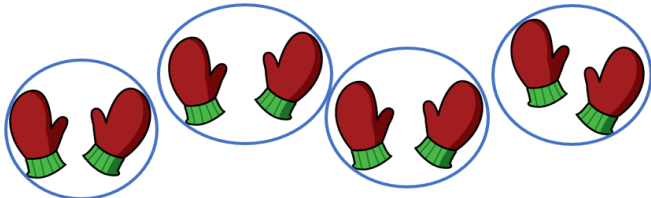
array



Circle groups of 2 mittens and complete the sentence.



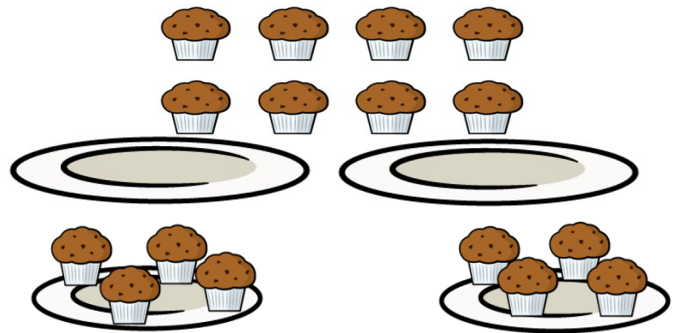
There are ___ groups of 2 mittens.



There are 4 groups of 2 mittens.

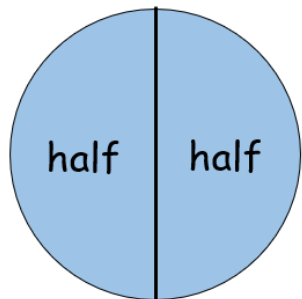
Sharing

Share 8 muffins equally between 2



8 Muffin shared equally between 2.
There are 4 muffins on each plate.

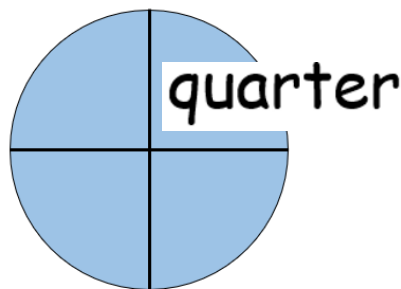
Fractions: Half



Find half



Quarters



Find quarter.



Days of week

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday