The Redeemer C. of E. Primary School

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

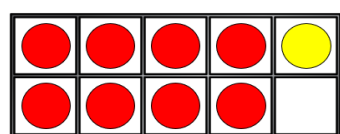| 10 |
|---|
| 0 + 10
 1 + 9
 2 + 8
 3 + 7
 4 + 6
 5 + 5 |

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

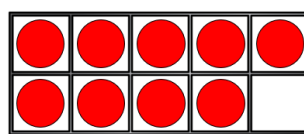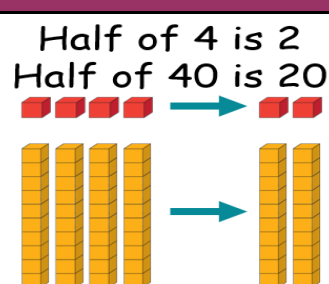Odd numbers 1, 3, 5, 7, 9   Even numbers 0, 2, 4, 6, 8

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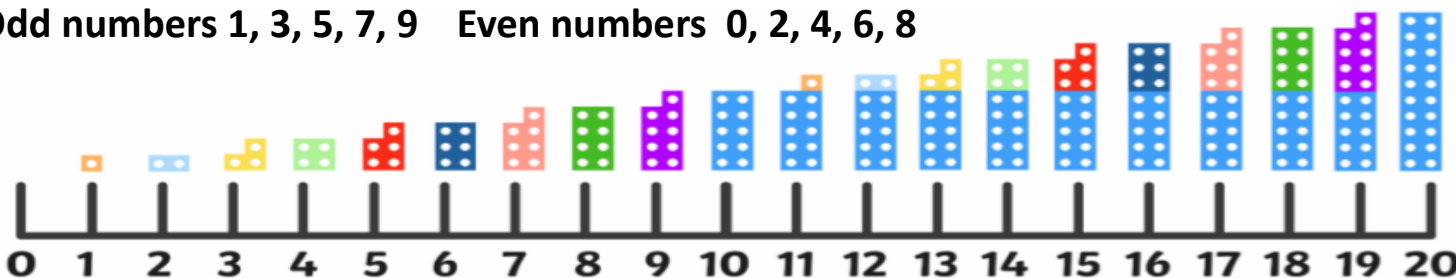
Addition

1 more than 8 is 9

9 is 1 more than 8

Double 4 is 8
Double 40 is 80
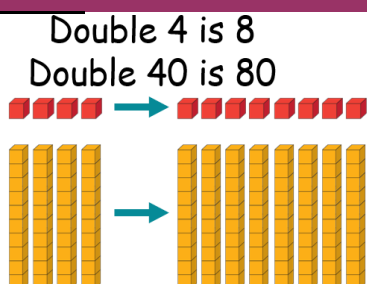
Subtraction

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.
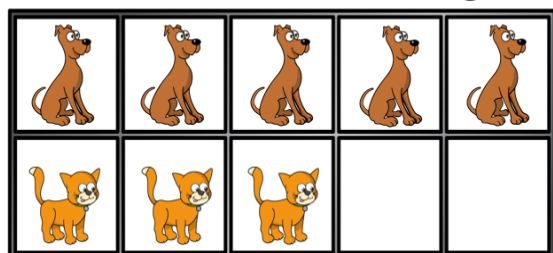
One part is __5__ and the other part is __3__

The whole is __8__   __5__ + __3__ = __8__

Subtraction
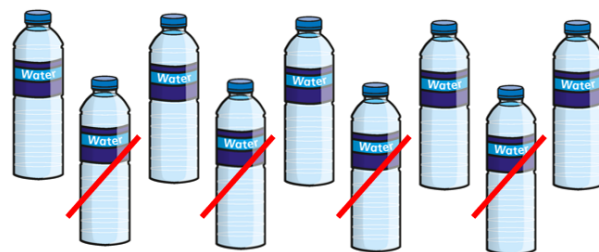
First there were __9__ bottles of water.

Then __4__ bottles were drunk.

Now there are __5__ bottles of water.

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

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

0	10	20	30	40	50	60	70	80	90	100

Counting in 10s is double counting in 5s

Counting in 5s is half of counting in 10s

0	5	10	15	20	25	30	35	40	45	50	55	60

Division: **Grouping** **Sharing**

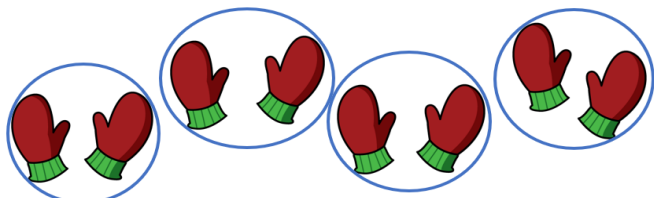array

Circle groups of 2 mittens and complete the sentence.
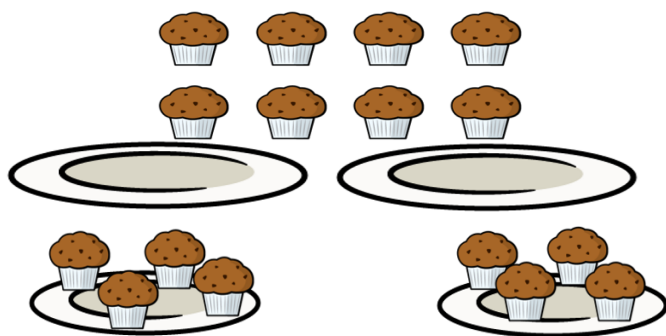
There are ___ groups of 2 mittens.

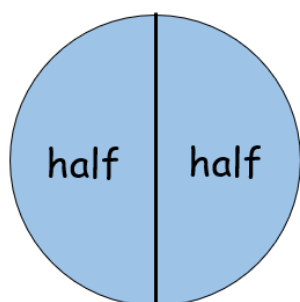There are _4_ groups of 2 mittens.

Share 8 muffins equally between 2

8 Muffin shared equally between _2_.
There are _4_ muffins on each plate.
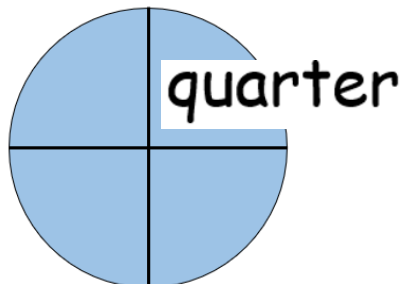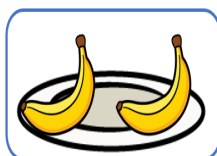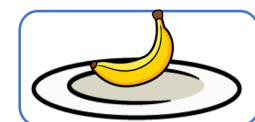
Fractions: Half **Quarters** **Days of week**

half | half

Find half

quarter

Find quarter.

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday