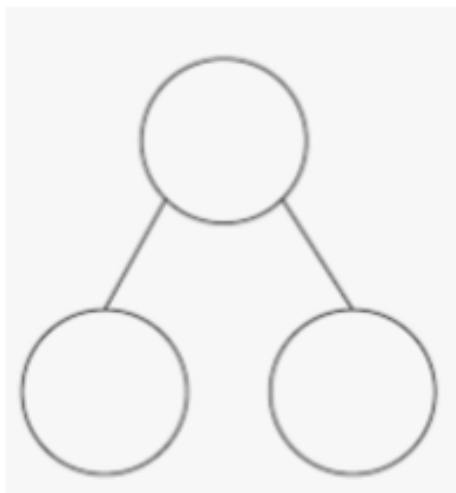


## Maths week 4

(4 pages)

### Addition facts of 19



$$19 = \underline{\quad} + \underline{\quad}$$

The children are very familiar with part-part-whole models like the one above. Please help your child to complete it in lots of different ways, with 19 at the top and any two numbers that can make up 19 in the other two circles. Then support your child to make the addition fact at the side.

See how many addition facts of 19 you can make!

Children can use any practical apparatus they like to support them, such as 19 buttons or lego bricks.

### Subtraction facts of 19

Help your child to see the relationship between addition and subtraction facts of 19.

$$16 + 3 = 19$$

$$19 - 3 = 16$$

And so on....

You can do this in any way you like. The children often enjoy writing them all out and looking at the pattern down the page:

$$0 + 19 = 19$$

$$19 - 0 = 19$$

$$1 + 18 = 19$$

$$19 - 1 = 18$$

$$2 + 17 = 19$$

$$19 - 2 = 17$$

$$3 + 16 = 19$$

$$19 - 3 = 16$$

All the way to

$$19 + 0 = 19$$

$$19 - 19 = 0$$

It's super-helpful for your child to be able to see patterns in maths – and they really enjoy working these out for themselves.

If you'd like to play maths games on the tablet or computer, please use this brilliant game, which the children are also familiar with from class:

<https://www.topmarks.co.uk/maths-games/mental-maths-train>

Choose the addition / subtraction options and 'numbers up to 20'

## Addition facts of 20

At the end of the week we'll be looking at number 20. If you have a printer you could print out and play the following game together. If not, just play with number 20 the way you did number 19!

Any questions, please ask us via Dojo.



### Partition 20 Game

Play It 3

You need:

Counters or colours for each player

Number Facts Board (on the next page)

To play:

Every time it is your turn partition 20 into two parts and you cover, (or colour), the two numbers on the board.

Say your number fact aloud.

The two numbers you cover do not need to be next to each other on the board.

For example:

Player 1: I will partition 20 into 7 and 13 so will cover a 7 and a 13 on the board.

To win:

The winner is the first player to cover 5 numbers in a line, horizontally, vertically or diagonally.



## Number Facts 20 Board

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