Unit 8
Subtraction within 20

We will need some maths words. Have you seen all of these before?

subtract   **take away**

find the difference
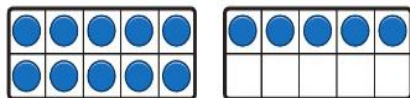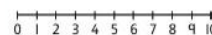
how many are left?

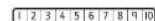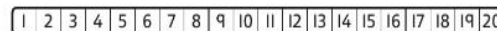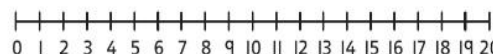**tens**   **ones**   **number bonds**

part-whole

In this unit we will …
- ⚡ Subtract tens and ones
- ⚡ Learn how to cross a 10 when subtracting
- ⚡ Compare additions and subtractions
- ⚡ Solve word and picture problems

We can also use this

0 1 2 3 4 5 6 7 8 9 10 and this

1 2 3 4 5 6 7 8 9 10 to help us.

What is 13 − 3?

We will need a ten frame again. Can you remember how to use it to help you find the answer to 15 − 3?

15 − 3 = ☐

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

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

⚡ Power Up

Complete using <, > or =.
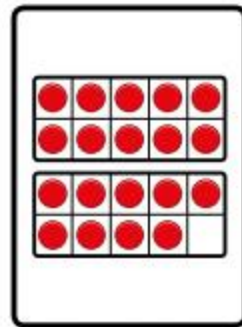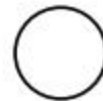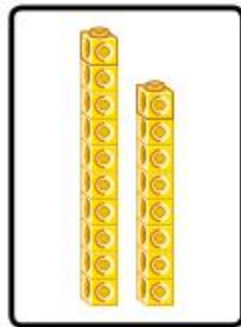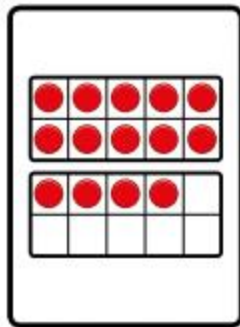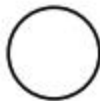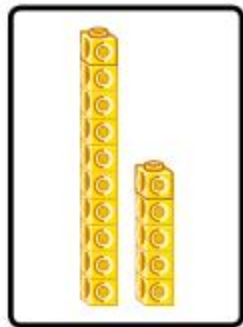
Complete the number sentences using <, > or =.

15 ◯ 14   18 ◯ 19

14 ◯ 15   19 ◯ 18

Compare some other pairs of numbers and write the number sentences.

Subtracting ones

1 a) Mia wants to work out how many ⚽ are left.

She works out 15 − 3.

What does the 15 stand for?

What does the 3 stand for?

Why is it a subtraction?

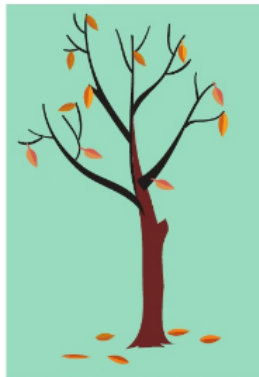**b)** How many ⚽ are left?

Use ten frames

Use 1 🔵 for each 🍃.

1 There are 16 🍃 on the tree.

5 🍃 fall to the ground.

How many 🍃 are there left in the tree?

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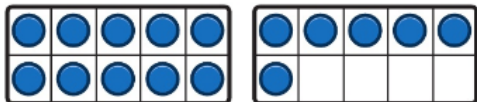
$16 - 5 =$ ☐

There are ☐ 🍃 left in the tree.

2 a) Work out $19 - 6$.   b) Work out $16 - 4$.

$19 - 6 =$ ☐
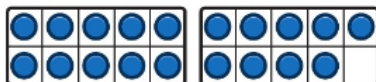
$16 - 4 =$ ☐

Use ten frames

3 Work out the missing numbers in these number sentences.

a) $7 - 5 = \boxed{}$

$17 - 5 = \boxed{}$

> I think I can use 7 – 5 to help me answer 17 – 5. I wonder what does not change in 17 – 5.

b) $8 - 3 = \boxed{}$

$\boxed{} - 3 = 15$

c) $7 - \boxed{} = 0$

$\boxed{} - 7 = 10$

> When is the answer to a question 0?

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

Fluency
write in books

Subtracting ones

1 Hanna has 15 🥤. She drinks 4 🥤.

How many 🥤 are left?

☐ - ☐ = ☐

There are ☐ 🥤 left.

2 Ned has 18 🍌. He eats 5 🍌.
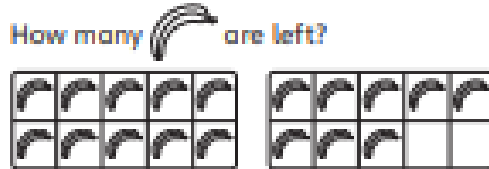
How many 🍌 are left?

☐ - ☐ = ☐

There are ☐ 🍌 left.

Use ten frames