



Year 2
Maths
09/06/2020



Lesson Aims

- **To be able to partition two digit numbers into different combinations.**
- I know what digit shows the units.
- I know what digit shows the tens.



Fluency Starter

- How many ways can you make:

32

Challenge: Can you add three different numbers together to make 20.



Main Teaching

- Children should have an understanding of what each digit represents when partitioning a number.
- It is important that children can partition numbers in a variety of ways, not just as tens and ones. For example, 58 is made up of 5 tens and 8 ones or 4 tens and 18 ones, or 2 tens and 38 ones, etc.



Recap: Fluency

26

Draw our the dienes to show 26.

Write the number sentence.

26=_____+_____



Partitioning in different ways

32

$$32=30+2$$

$$32=20+12$$

$$32=10+22$$

What do you notice
about the
numbers?
Can you see the
pattern?



Partitioning in different ways

46

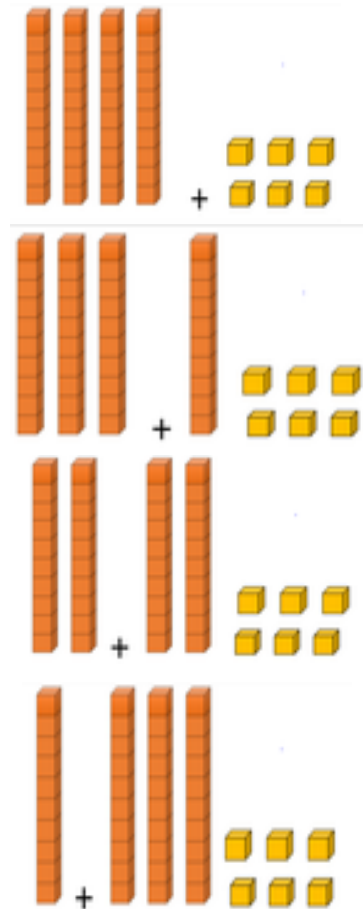
You may want to draw out the dienes to help you.

$$46 = 40 + 6$$

$$46 = 30 + 16$$

$$46 = 20 + 26$$

$$46 = 10 + 36$$





Task

Choose a sheet:

One chilli challenge: I am feeling ok. I might need some help.

Two chilli challenge: I am feeling confident.

Three chilli challenge: challenge.

Choose a number and write it in your workbook.

Partition is into tens and units.

Partition it in different ways. Please draw the dienes if you need to!

Handwritten partitioning of the number 36 on a grid background:

$$\begin{array}{l} 36 \\ 36 = 30 + 6 \\ 36 = 20 + 16 \\ 36 = 10 + 26 \end{array}$$



To finish things off...

Teddy thinks that,



$$40 + 2 = 402$$

Explain the mistake he has made.

Can you show the correct answer using concrete resources?