

Discussion Problems

Step 7: Subtract Tens from 3 Digits

National Curriculum Objectives:

Mathematics Year 3: (3C1) [Add and subtract numbers mentally, including three-digit number and ones three-digit number and tens three-digit number and hundreds](#)

Mathematics Year 3: (3C2) [Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction](#)

Mathematics Year 3: (3C3) [Estimate the answer to a calculation and use inverse operations to check answers](#)

Mathematics Year 3: (3C4) [Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction](#)

About this resource:

This resource has been designed for pupils who understand the concepts within [this step](#). It provides pupils with more opportunities to enhance their reasoning and problem solving skills through more challenging problems. Pupils can work in pairs or small groups to discuss with each other about how best to tackle the problem, as there is often more than one answer or more than one way to work through the problem.

There may be various answers for each problem. Where this is the case, we have provided one example answer to guide discussion.

We recommend self or peer marking using the answer page provided to promote discussion and self-correction.

More [Year 3 Addition and Subtraction](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Subtract Tens from 3 Digits

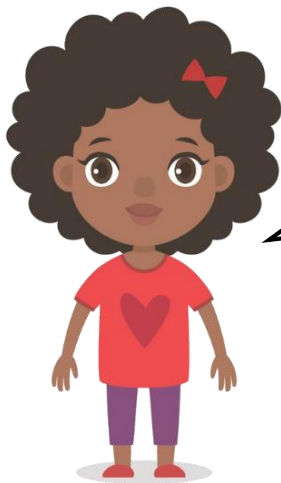
1. Mio lands on different planets collecting digits. He uses the digits to create 2-digit numbers that are multiples of ten and 3-digit numbers.



Explore possible subtraction calculations using the 2 and 3-digit numbers.

DP

2. Imani has a secret number.



My number is between 520 and 530. It is not a multiple of ten or five. What is my number?

Investigate possible subtraction calculations that include a 3-digit number and a 2-digit multiple of ten that could create Imani's number.

For example:

$$546 - 20 = 526$$

DP

Subtract Tens from 3 Digits

1. Mio lands on different planets collecting digits. He uses the digits to create 2-digit numbers that are multiples of ten and 3-digit numbers.

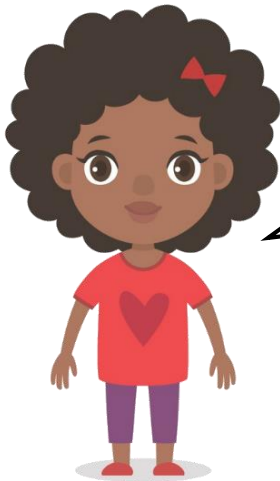


Explore possible subtraction calculations using the 2 and 3-digit numbers.

Various answers, for example: $458 - 60 = 398$

DP

2. Imani has a secret number.



My number is between 520 and 530. It is not a multiple of ten or five. What is my number?

Investigate possible subtraction calculations that include a 3-digit number and a 2-digit multiple of ten that could create Imani's number.

For example:

$$546 - 20 = 526$$

Various answers, for example: $551 - 30 = 521$

DP