

AT A GLANCE
 Subtract a 3-digit number from a 3-digit number, regrouping the tens into ones and the hundreds into tens. Check and mark some subtraction calculations.

RESOURCES
 Calculation Mat
 Check and Mark sheet

School to provide:
Paper and pens
Base-10 apparatus

ADAPTING THE SESSION

Making it easier
 Use calculations which only require one regrouping.

Extending the learning
 Try using the column method independently.

THINGS TO WATCH OUT FOR
 Learners may need reminding to regroup the numbers into a different form, so that they can subtract successfully. Ensure that they do not omit any part of the procedure.

 Some learners are able to understand the written method but have poor mental subtraction skills. Support the subtraction of single-digit numbers in Skills Practice by using Number rods.

MATHEMATICAL LANGUAGE / VOCABULARY
 I can **regroup** 1 ten into 10 ones.
 I can **regroup** 1 hundred into 10 tens.
 The **value** of the 5 in 532 is 500.
 The 3 in 532 is **worth** 30.

SKILLS PRACTICE
 Select an activity from the Skills Practice booklet.

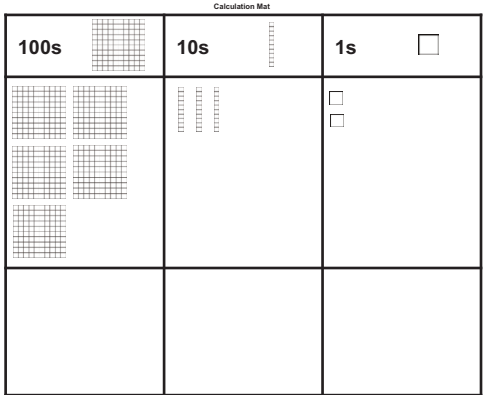
Subtraction Battle
Find the Difference
Wipe Out
Pay the Bank

TEACHING TO MASTERY (concrete → pictorial → abstract)

Remind the learners of previous lessons where we regrouped the tens into ones.
Today we are going to solve problems in which we will have to regroup the tens as ones and regroup the hundreds as tens i.e. regroup twice.

Can you represent 532 on the Calculation Mat using the base-10?

We are going to subtract 254 from 532. Present the learners with '532 – 254'.



The Calculation Mat is a 3x3 grid with columns labeled 100s, 10s, and 1s. The 100s column contains five 10x10 grids. The 10s column contains three 1x10 grids. The 1s column contains two 1x1 squares. To the right of the mat is a subtraction problem: $532 - 254$ with a horizontal line under the 4 and a blank line below it.

TEACHING TO MASTERY (concrete → pictorial → abstract)

Can you write the subtraction $532 - 254$ as a column subtraction? Ensure that the learners align the digits correctly.

We are going to use the base-10 alongside the column subtraction.

What do we need to do first?

If necessary discuss and model each step.

Discuss subtraction of the ones.

Do we need to regroup? Yes.

Regroup 1 ten as 10 ones. We now have 12 ones altogether. Move 4 ones down the grid to represent subtracting 4. We are left with 8 ones.

Model this on the written column addition.

Move on to the tens.

As 2 tens is less than 5 tens what will we have to do? We will have to regroup 1 hundred as 10 tens to make 12 tens altogether. Take away 5 tens, and we are left with 7 tens.

Model this on the column method.

