

A Guide to Subtraction

Maths Equipment

In this guide we use a place value chart, place value counters and a mini whiteboard.

If you don't have these you could:

- draw a place value chart on poster paper or the back of a cereal box
- make your own place value counters using card
- use other objects such as dried pasta or small toys.

Place value chart

Hundreds	Tens	Ones

10 x hundred counters



20 x ten counters



20 x one counters



This is a supporting document for episode 2 in our mini-series 'Maths with Michael' which has been produced in collaboration with TV presenter, teacher and parent Michael Underwood.



$\sqrt{3}$

Aa

$\frac{2}{3}$

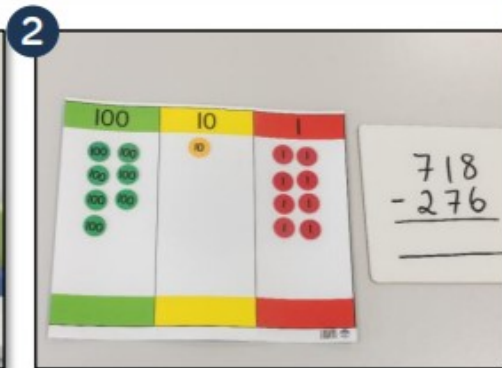
5x

$1+1=2$

White
Rose
Maths



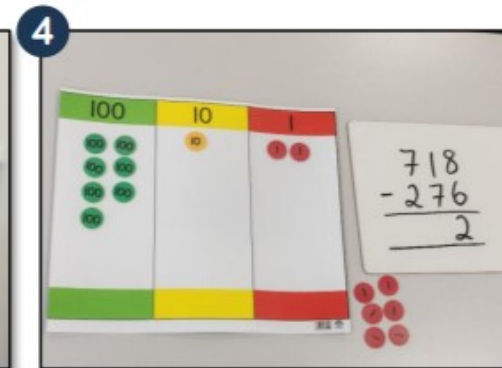
1 We are going to subtract 276 from 718 using place value counters and a place value grid to help us.



2 First build the number 718 on a place value grid and write the calculation on a whiteboard or piece of paper.



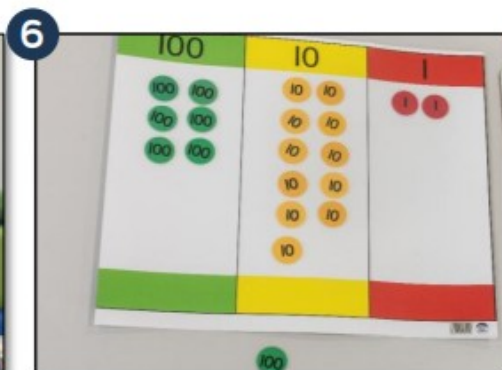
3 Ask "Do we have enough ones to subtract 6 ones?"



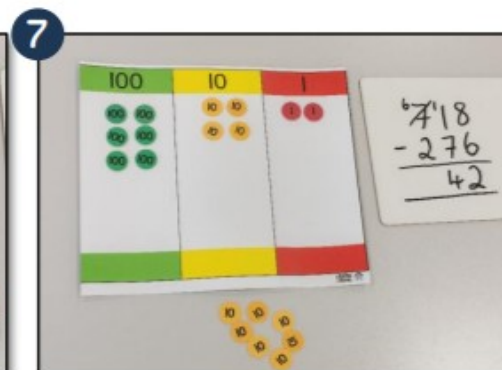
4 Yes we do! Remove 6 ones from the place value grid and you will be left with 2 ones. Show this in your calculation. 8 ones subtract 6 ones is 2 ones.



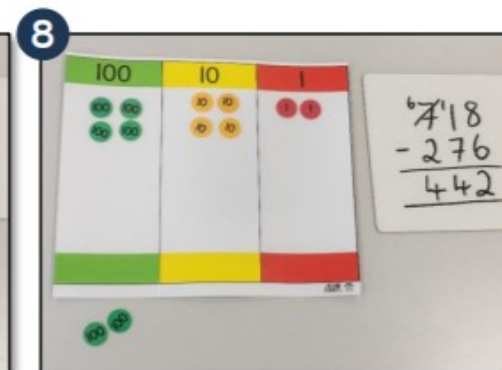
5 Ask "Do we have enough tens to subtract 7 tens?"



6 No we don't! We only have one ten so we need to make an exchange. Remove 1 hundred counter from the place value grid and replace it with 10 tens.



7 Show the exchange in your calculation and subtract 7 tens. 11 tens subtract 7 tens is equal to 4 tens.



8 Ask "Do we have enough hundreds to subtract 2 hundreds?" Yes we do! Our answer is 442.

Now Try These

$$526 - 143$$

$$382 - 175$$

$$427 - 289$$

Draw or use a place value grid and counters to help you. Remember to write down all the steps in your calculation too.

Printouts – Place Value Chart

Hundreds	Tens	Ones