How many ones make a ten?
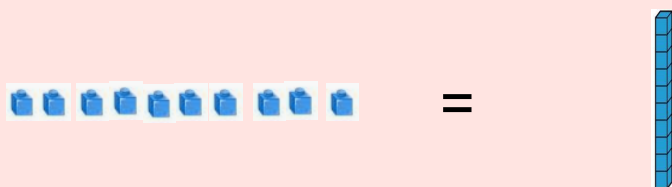
How many tens make a hundred?

We could count in 10's all the way up to 100 to find out.
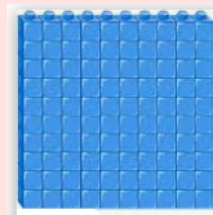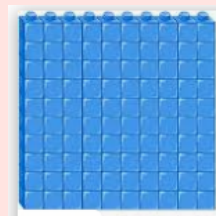
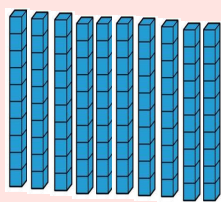That's right.

10 [image] make a [image]

[image] = [image]

10 ones is the same as 1 ten

10 [image] make an [image]

[image] [image]

10 tens is the same as 1 hundred

A place value grid:

H	T	O
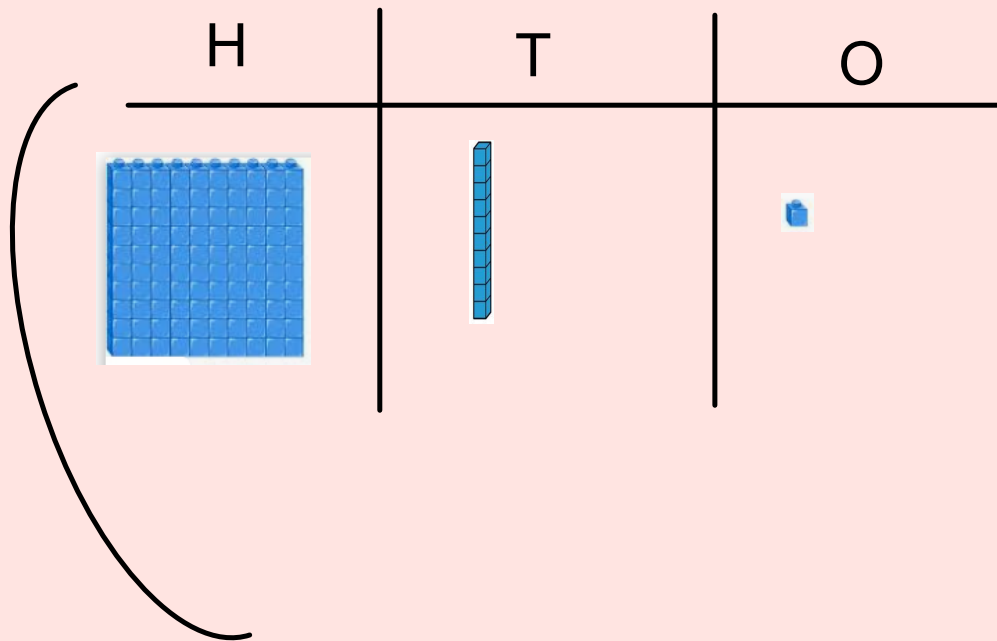
Our hundred column makes a number a 3 digit number. That means it needs to have 3 numbers in it.

The hundreds column is the biggest column so goes on the left.

Today we are going to be using dienes to help us make numbers.

We are focussing on multiples of 100.

I would like you to find something in your house that you could use as an 100 block. You will need 10 of the same thing.

Examples:

10 lego blocks

10 playing cards

10 plastic cups

WALT: To be able to count in hundreds to 1000.
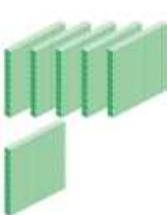
In Focus

Count in hundreds.

How many jelly beans are there?

Can you use your chosen equipment to help you count?

Did you count correctly in 100's?

Let's Learn

Show the number of jelly beans using ▦.

	100 one hundred
	200 two hundred
	300 three hundred
	400 four hundred
	500 five hundred
	600 six hundred

Is there a link between the left hand side and the right hand side?

700
seven hundred

800
eight hundred

900
nine hundred

1000
one thousand

How many hundreds
make 1 thousand?

Which place value columns are changing?

Is it the units?

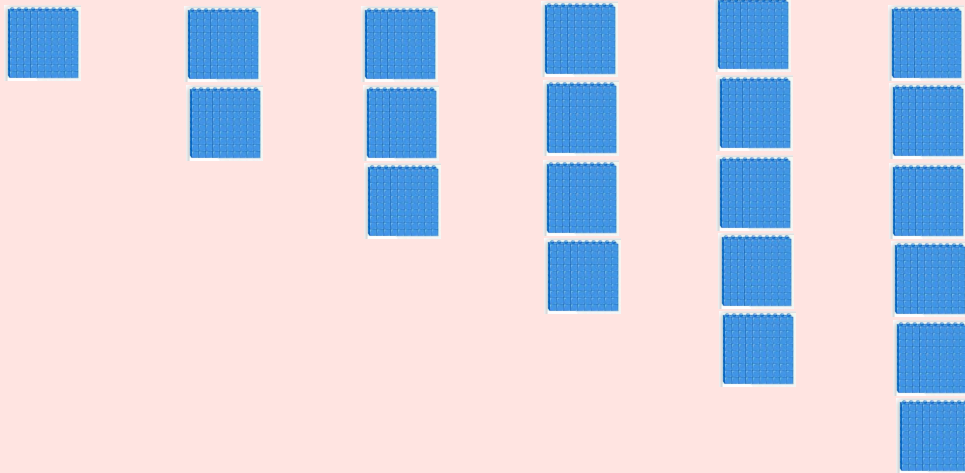Is it the tens?

Is it the hundreds?

Shown written in numbers

Shown using diene blocks

Shown written in words

100, 200, 300, 400, 500, 600

When we count in 100's the hundreds column is always changing as each time we are adding another block of 100.

 300 has _____ blocks of 100

600 has _____ blocks of 100

800 has _____ blocks of 100
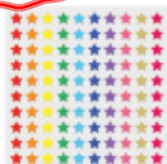
1000 has _____ blocks of 100

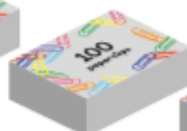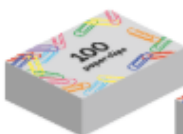Now have a go at making different multiples of 100 with your equipment.

hundred

Guided Practice

Count

~~Write in numbers and in words.~~

(a)

(b)

Use your chosen 100 block to help you work these out. Count in 100's.

Now have a go at the workbook:
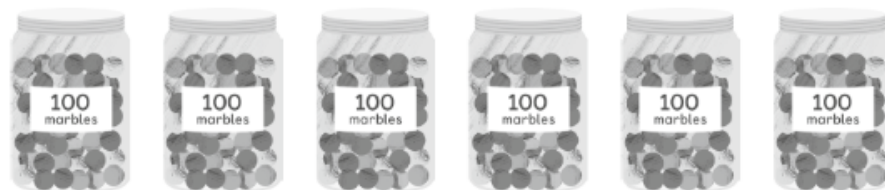
Worksheet 1

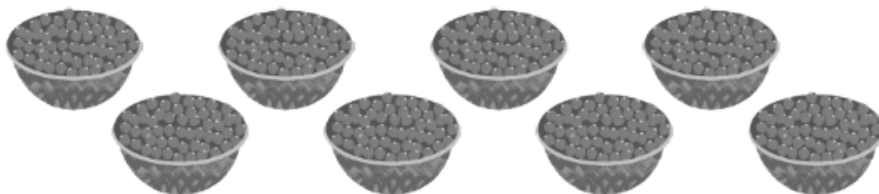### Counting in Hundreds
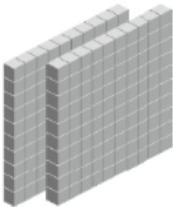
1 Count and write in numbers.

(a)

[ ] hundreds = 400

(b)

100 marbles   100 marbles   100 marbles   100 marbles   100 marbles   100 marbles

[ ] hundreds = [ ]

(c)

[ ] hundreds = [ ]

2 Count and write in numbers and in words.

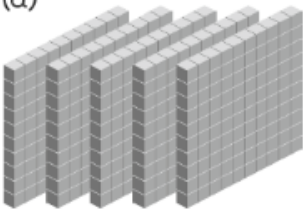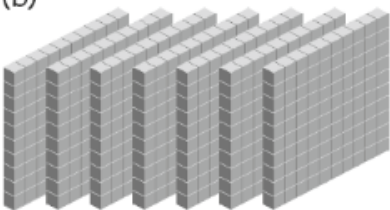Example
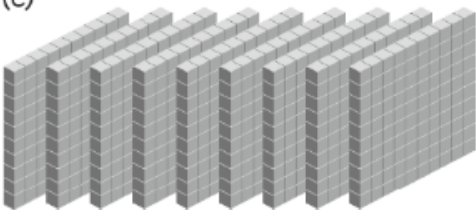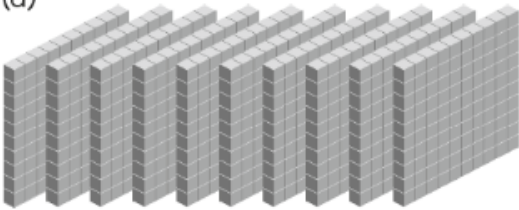

200

two hundred

(a)

(b)

(c)

(d)

Monday's challenge:

I can use my knowledge of counting in 100s to solve an ~~always, sometimes or never:~~

Sort these statements into always, sometimes or never.

- When counting in hundreds, the ones column changes.
- The hundreds column changes every time you count in hundreds.
- To count in hundreds we use 3 digit numbers.

To decide if these are always sometimes or never you have to prove it so show that it happens lots of time or never or sometimes. Show your thinking and working out.

Challenge 2: Can you think of any other statements that would be always true, sometimes true or never true?